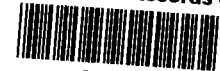


SAUGET/ARBAG, L SITE  
ID=054V  
INTERAGENCY AGREEMENT (IAG)  
U.S. ARMY CORPS OF ENGINEERS  
DW96947840

EPA Region 5 Records Ctr.



221468

SAUGET AREA G, SAUGET, IL SITE ID=054V  
SITE COSTS from 1/1/1994 through 6/30/2003

IAG: U.S. ARMY CORPS OF ENGINEERS  
# DW 96947840

FOUND: INTERAGENCY AGREEMENT/AMENDMENT

PROGRESS REPORTS OCT. 1998 → APRIL 2001

ALL COST DOCUMENTS: (SEPARATE 2 FOLDERS)

V#: 28008421

Vdate: 12/01/1998

SITE AMT: \$999.17

} TO

V#: 28027068

Vdate: 10/19/2000

AMT: \$50,523.03

SAUGET AREA G, SITE ID=054V  
Costs from 1/1/1994 - 6/30/2003

INTERAGENCY AGREEMENT (IAG)

U.S. ARMY CORPS OF ENGINEERS (DW96947840)

V DATES: 12/1/1998 - 10/19/2000

NOTES: • MOU + SCOPE OF WORK BETWEEN U.S. ARMY CORPS  
OF ENGINEERS + U.S. EPA

- 1 - Page of INTERAGENCY AGREEMENT/AMENDMENT (Form 1610-1)
- Progress Reports from Oct. 1998 to Sept. 2001
- Complete Cost documents in file, ~~separate progress~~  
~~reports are cost documents attached, and are separate.~~

## Contract Costs

SAUGET AREA G, SAUGET, IL SITE ID = 05 4V

Site Costs from 1/1/1994 through 6/30/2003

INTERAGENCY AGREEMENT (IAG)

Federal Agency: U.S. ARMY CORPS OF ENGINEERS

IAG Number: DW96947840

Project Officer(s):

Dates of Service: From: To:

Summary of Service:

Total Costs: \$279,400.00

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number and Date	Site Amount
28008421	12/01/1998	999.17	000A99048 02/19/1999	999.17
28009136	01/14/1999	382.00	000A99048 02/19/1999	382.00
28009728	01/14/1999	8,002.38	000A99048 02/19/1999	8,002.38
28011167	03/05/1999	5,589.78	000A99074 03/17/1999	5,589.78
28010450	03/22/1999	3,579.86	000A99089 04/01/1999	3,579.86
28011930	04/12/1999	6,354.96	000A99106 04/20/1999	6,354.96
28012754	05/10/1999	9,518.35	000A99137 05/19/1999	9,518.35
28013535	06/08/1999	12,190.86	000A99167 06/18/1999	12,190.86
28014307	07/06/1999	15,949.73	000A99200 07/21/1999	15,949.73
28015050	08/10/1999	8,395.54	000A99229 08/19/1999	8,395.54
28015866	09/13/1999	8,160.01	000A99263 09/22/1999	8,160.01
28016783	10/14/1999	8,162.15	000A99294 10/25/1999	8,162.15
28017806	11/09/1999	3,109.74	000A99320 11/18/1999	3,109.74
28018547	12/10/1999	34,305.29	000A99354 12/22/1999	34,305.29
28019266	01/19/2000	4,619.97	000A00025 01/27/2000	4,619.97
28020061	02/11/2000	15,828.37	000A00049 02/23/2000	15,828.37
28020850	03/08/2000	4,045.97	000A00074 03/16/2000	4,045.97
28021676	04/14/2000	1,412.83	000A00116 04/27/2000	1,412.83
28022589	05/10/2000	62,744.31	000A00137 05/18/2000	62,744.31
28023389	06/08/2000	4,560.39	000A00165 06/15/2000	4,560.39
28024246	07/10/2000	3,699.81	000A00214 08/03/2000	3,699.81
28025200	08/24/2000	1,602.76	000A00241 08/30/2000	1,602.76
28026042	09/15/2000	5,662.74	000A00265 09/25/2000	5,662.74
28027068	10/19/2000	119,422.17	000A00299 10/27/2000	50,523.03
Total:				<u>\$279,400.00</u>



**DEPARTMENT OF THE ARMY**

**CORPS OF ENGINEERS**

**HTRW CENTER OF EXPERTISE**

**12565 WEST CENTER ROAD**

**OMAHA, NEBRASKA 68144-3869**

**REPLY TO  
ATTENTION OF:**

January 17, 2002

Environmental Cost, Compliance and  
Technology Branch

Ms. Denise Mahoney  
U.S. Environmental Protection Agency, Region 5  
Office of Superfund (SR-6J)  
77 West Jackson Blvd.  
Chicago, IL 60604-3590

Dear Ms. Mahoney:

In response to your request, accompanying this letter is an accordion folder of cost documentation on the Sauget Area One Superfund Site in Illinois (Site ID 05 4V). The vouchers presented to your agency by the Corps of Engineers have been reconciled to EPA's Interagency Agreement (IAG) Payment Listing provided with your letter of request dated December 18, 2001.

Costs incurred on this project were captured on the Corps of Engineers Financial Management System (CEFMS). Enclosed you will find a narrative describing some of the features of the CEFMS System and the various documents provided. A yellow tab has been inserted in this submission to identify supporting documentation for travel that is missing. Enclosed with the summary report, you will find a listing of all the missing documents.

The Omaha District utilized the "Rapid Response" contract for this project. Under the USACE policy, the cost of administering work performed under this contract is recovered through the assessment of a flat-rate fee or actual cost. Enclosed you will find a copy of the Corps of Engineers policy guidance concerning the use of the Rapid Response contract.

The documents contained in this submission have been reviewed for Privacy Act protected information and redacted. Questions concerning the work performed should be directed to Tim Gouger of the Omaha District at (402) 293-2514. Any questions relating to the

financial systems or records should be directed to either Cheryl Young at (402) 697-2434 or Lucy Harris at (402) 697-2433.

Sincerely,

A handwritten signature in cursive script that reads "Marcia C. Davies".

Marcia C. Davies, Ph. D.  
Director, USACE Hazardous,  
Toxic and Radioactive Waste  
Center of Expertise

Enclosures

## SAUGET AREA ONE, IL 05 4V

Performing District: Omaha

IAG: DW96947840

Bill Number	Billing Date	Total Cost	Items of Expenditure							Order Number
			Contract	Labor	G&A Overhead	Departmental Overhead	Travel	Misc.	User Fee	
28008421	2-Nov-98	999.17				204.32	68.05			
28009136	1-Dec-98	382.00					382.00			
28009728	4-Jan-99	8,002.38				2,340.23	49.50			
28010450	1-Feb-99	3,579.86				996.72				
28011167	1-Mar-99	5,589.78				1,241.94	321.68			
28011930	1-Apr-99	6,354.96				1,772.25	61.75			
28012754	3-May-99	9,518.35				2,709.84	162.41	62.85		
28013535	1-Jun-99	12,190.86	3,996.66			2,316.36	266.76			
28014307	1-Jul-99	15,949.73	15,397.28			108.87	56.30			
28015050	2-Aug-99	8,395.54	4,454.84			1,061.02	536.86			
28015866	1-Sep-99	8,160.01	6,982.02			177.52	369.00			
28016783	28-Sep-99	8,162.15	5,404.78			491.62	517.00			
28017806	1-Nov-99	3,109.74				574.37	500.23			
28018547	1-Dec-99	34,305.29	32,860.45			318.55				
28019266	3-Jan-00	4,619.97				967.79	665.12			
28020061	1-Feb-00	15,828.37	11,567.42			966.67	213.57			
28020850	1-Mar-00	4,045.97				722.96	767.21			
28021676	1-Apr-00	1,412.83				333.88				
28022589	1-May-00	62,744.31	55,222.88			1,658.23	330.78			
28023389	1-Jun-00	4,560.39				1,030.69	128.00			
28024246	1-Jul-00	3,699.81				381.83			2,099.79	
28025200	1-Aug-00	1,602.76				382.48				
28026042	1-Sep-00	5,662.74				1,614.33	396.22	38.72		
28027068	29-Sep-00	119,422.17	115,988.29			1,012.92	286.71		166.39	
Total Cost.....		348,299.14	251,874.62	51,680.59	12,911.64	23,385.39	6,079.15	101.57	2,266.18	
Value of Missing Documents		133.03	0.00	0.00	0.00	0.00	133.03	0.00	0.00	
Documented Cost.....		348,166.11	251,874.62	51,680.59	12,911.64	23,385.39	5,946.12	101.57	2,266.18	

Travel - MissDoc  
SAUGET AREA ONE, IL  
DW96947840-0560

Omaha District

Obligation Number	Line Item	Doc Type	Employee or Vendor	Airline Ticket Number or Description	Amount	Payable Date	DOV
903994G6	1	TV		LODGING,SIGN,AIRLINE	133.03	MAY-25-1999	136535

**EPA**

United States Environmental Protection Agency  
Washington DC 20460

**Interagency Agreement /  
Amendment**

**Part I - General Information**

<b>6. Name and Address of EPA Organization</b> U.S. ENVIRONMENTAL PROTECTION AGENCY SUPERFUND DIVISION 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604	<b>1. EPA / IAG Identification Number</b> DW86947840-01-3	<b>4. Funding Location by Region</b> 05 <b>5. Program Office Abbreviation</b> SE-5J
	<b>2. Other Agency ID Number</b>	
	<b>7. Name and Address of Other Agency</b> DEPARTMENT OF DEFENSE U.S. ARMY CORPS OF ENGINEERS, HTRW CX 12665 WEST CENTER ROAD OMAHA, NE 68144-3869	

**8. Project Title** To provide support to U.S. EPA, Region 5, for Rapid Response on Removal Action.

<b>9. EPA Project Officer (Name, Address, Telephone Number)</b> WILLIAM E. MESSENGER USEPA 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604 (312) 355-1057	<b>10. Other Agency Project Officer (Name, Address, Telephone Number)</b> MARVENE SEAMAN, DOD U.S. ARMY CORPS OF ENGINEERS, HTRW CX 12665 WEST CENTER ROAD OMAHA, NE 68144-3869 (402) 897-2425
<b>11. Project Period</b> 09/08/97 to 12/31/00	<b>12. Budget Period</b> J9/08/97 to 12/31/00

**13. Scope of Work (Attach additional sheets, as needed)**  
 This amendment increases the funding by \$700,000. The Statement of Work remains the same.

HTRW-CX Generic IAG

CCSC: B21

CWID: 015505

00224P

<b>14. Statutory Authority for Both Transfer of Funds and Project Activities</b>								<b>15. Other Agency Type</b> FEDERAL AGENCY	
<b>FUNDS</b>	<b>PREVIOUS AMOUNT</b>		<b>AMOUNT THIS ACTION</b>		<b>AMENDED TOTAL</b>				
16. EPA Amount	5,350,000		700,000		6,050,000				
17. EPA In-Kind Amount	0		0		0				
18. Other Agency Amount	0		0		0				
19. Other Agency In-Kind Amount	0		0		0				
20. Total Project Cost	5,350,000		700,000		6,050,000				
<b>21. Fiscal Information</b>									
Site Name	DCN	FY	Approp.	Budget Org.	Program Elem.	Object	Site/Project	Cost Org.	Obligation
	SAX045	99	T	5AFOE	050102D	25.07	05ZZRV00	C011	500,000
	SAX089	99	T	5AFOE	050102D	25.07	05ZZRV00	C011	100,000
					TOTAL:				700,000

**ATTACHMENT A**

This agreement is with the U.S. Army, Corps of Engineers for project support activities taken under the terms of the 1984 Memorandum of Understanding (MOU) between the U.S. Army, Corps of Engineers and the U.S. Environmental Protection Agency (EPA) in executing the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and the Superfund Amendments and Reauthorization Act of 1986.

Pursuant to the MOU, the U.S. Army, Corps of Engineers will perform the following site assessment functions to augment EPA's emergency response and time critical removal program within Region 5.

1. Provide timely technical assistance to the responsible EPA official, or On-Scene Coordinator (OSC), for emergency response and time critical removal investigation/analyses. Specific measures that can be performed to provide rapid site stabilization should be identified;
2. Provide sample collection and laboratory testing/analyses to meet schedule requirements in accordance with EPA's Quality Assurance Standards
3. Review/evaluate proposed PRP (Potentially Responsible Party) removal actions, as identified by EPA, and assess technical actions;
4. Provide preliminary planning, and/or design support to OSC or other responsible EPA official for proposed removal actions;
5. Provide surveying services, including topographic mapping and drafting;
6. Provide other technical engineering support for proposed removal actions as agreed upon by the Agencies;
7. Provide assistance to plan, arrange, and conduct public and/or local official meetings, regarding site emergencies or site related removal actions;
8. Provide assistance in the preparation of media communications, such as newsmagazine articles

Pursuant to the MOU, the U.S. Army, Corps of Engineers will perform the following site cleanup activities according to the site-specific statement of work:

1. Provide site security controls to prevent unauthorized access via fencing, warning signs, or other security measures;
2. Provide hazard categorization of wastes;
3. Provide stabilization of berms, dikes, impoundments, or containment structures, as appropriate;
4. Provide treatment of wastes on-site where possible and appropriate;
5. Provide overpacking of drums, containers, barrels, tanks, as appropriate and segregate according to waste characteristics, shield drums and other debris for ease of disposal, and prepare for transportation and disposal;
6. Provide decontamination of buildings and structures, as appropriate;
7. Provide soil excavation, consolidation, capping, or removal of contaminated soils according to prescribed cleanup levels, and provide fill material/dirt and landscaping, as appropriate;
8. Provide transportation and disposal of hazardous and non-hazardous wastes from removal sites. Bulk wastes according to waste characteristics, as appropriate;
9. Provide/perform other tasks as necessary to address threats to human health and the environment.

#### SCOPE OF WORK

This agreement authorizes funding for the services provided as follows:

##### 1. Personnel

Staff salaries and project support: This provides funding for project manager scientists, engineers and support personnel. Specifically, the staff will provide technical assistance for removal investigations, review/evaluate proposed PRP or non-Federal removal actions and assess technical adequacy and provide planning, design and construction/contract related activities, provide assistance in the public/community relationship area of response actions, provide assistance in media communications in support of response activities. They will attend project status meetings, technical briefings and public meetings to facilitate technology transfer, public awareness, and will also coordinate the results of laboratory testing with removal investigations and proposed PRP actions.

Project oversight responsibilities include maintaining records, record storage, establishment of technical review procedures, preparation at project meetings, IAG coordination, quality control and quality assurance. A comprehensive health and safety program for U.S. Army Corps of

To perform other activities as required by EPA.

##### 2. Travel

Funds are provided to allow U.S. Army, Corps of Engineers personnel to travel for site

assessments Superfund business. This includes travel by policymaking personnel for project management and familiarization and other activities as required by EPA.

### **3. Testing**

The testing funds will be used for sample collection and laboratory testing/analysis including the use of specialized equipment including drilling rigs, for tasks related to assigned Superfund work. All testing shall be in conformance with EPA's Quality Assurance Standards.

**ATTACHMENT B****TERMS AND CONDITIONS FOR TECHNICAL ASSISTANCE GENERIC IAG****Cost Documentation Reports**

EPA, acting as manager of the Hazardous Substances Superfund, requires current information on CERCLA response actions and related obligations of CERCLA funds for these actions. In addition, CERCLA as amended, authorizes EPA to recover, from responsible parties, all government costs incurred during a response action. In order to help assure oversight and successful recovery of CERCLA funds, both USACE and EPA have responsibilities under this agreement. USACE accounting system reports must be supported by site and activity specific cost documentation. USACE will organize and retain in site file(s) documentation of costs by site and activity (e.g., vouchers, billing statements, evidence of payment, audit reports) as follows:

**a. Direct Costs**

Payroll - timesheets or timecards to support hours charged to a particular site, including the signature of the employee and/or the employee's supervisor.

Travel - travel authorizations (including purpose of trip), local travel vouchers, traveler's reimbursement vouchers, carrier bills (including airline tickets), government owned vehicle bills, appropriate receipts for hotel, car rental, etc., proof of payment. Proof of payment is satisfied by providing a copy of the accomplished SF 1166 "Voucher and Schedule of Payment" or equivalent.

Contractor services - copies of contracts, requests for proposals (RFPs), detailed evaluation of Contractor bids, contractor invoices, USACE Project Officer approval of invoices, proof of payment. Proof of payment is satisfied by

providing a copy of the accomplished SF 1166 or equivalent.

Supplies and Equipment - EPA authorization to purchase non-expendable property of \$1,000 or more, vendor invoices, proof of payment, and hourly records of equipment use, when applicable.

- b. If an audit determines that any direct or indirect costs charged to EPA are unallowable, EPA will be notified by USACE immediately following the resolution of the audit.

**6. Minority Business Utilization**

As a recipient of monies under this IAG, the USACE must ensure to the fullest extent possible that at least 5% of funds for prime or subcontracts and subgrants for services are made available to businesses owned or controlled by socially and economically disadvantaged individuals, women-owned businesses, and Historically Black Colleges and Universities. (DBE) (Required in EPA's Appropriate Act, P.L. 101-507 revised 1993).

The USACE must submit a report to EPA showing the total extramural funds awarded and the amount and percentage of extramural funds awarded to DBEs on Forms 6005-3 and 60053a, by November 15 of each year. Reports should be submitted to:

**Office of Small and Disadvantaged  
Business Utilization (A-149C)  
U. S.- Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460**

January 19, 1999

**USACE RAPID RESPONSE  
PROGRESS REPORT**

**SAUGET SITE ONE**

**OCTOBER through DECEMBER 1998**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, East St Louis, Illinois  
**IAG Number:** DW96947840-0560  
**Period of Performance:** October to December 30, 1998  
**Assignment Title:** Technical Review and On-site QA  
**EPA Site Number:** 0560, 058E  
**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District (USACE) Rapid Response shall provide technical review and on-site quality assurance for work executed by Solutia Inc., a Potentially Responsible Party (PRP).

**WORK ACCOMPLISHED THIS PERIOD:**

**October 1998:** USACE Project Engineer provide technical assistance to EPA for meeting, held in Chicago, Illinois, with Solutia Inc. representatives on October 19 and 22, 1998. While Project Engineer (PE) labor and some transportation costs have been billed previously (\$999.17), PE airfare costs of \$382 are now included in this bill dated 01 December 1998.

**November 1998:** USACE Project Chemists technical review cost of \$335.35 for Sauget documents. Bill dated 2 November 1998.

**December 1998:** USACE Project Engineer, Industrial Hygienist, and Chemist continue with document review, develop comments to Solutia plans, and set up and participate in conference calls with EPA and Weston. Labor costs for current billing are \$8,002.38. Bill dated 04 January 1999.

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** Solutia Plans do not meet the minimum requirements for a plan as specified in US EPA Planning Guidance criteria. Consequently, an inordinate amount of time spent reviewing and commenting.

**BOFORS NOBEL SITE PROGRESS REPORT**

**KEY PERSONNEL CHANGES:** USACE augment Ecological Risk Assessment capability through addition of Weston Ecological Risk Assessor.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00</b>
Funds Expended During Report Period	\$ 8,719.73
Total Billed to Date	\$ 999.17
<del>Sum</del> of Obligations and Commitments	\$ 9,718.90
<b>Balance</b>	<b>\$ 269,681.10</b>

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue Technical Review of Solutia Plans, Award Task Order to Weston for Technical Augmentation and on-site QA, set up and participate in conference calls, develop cost justification reports, travel to meetings as EPA requests. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

Copy Furnished (w/o):  
CENWO-ED-EG (Beran)  
CENWO-ED-EH (Thomason)

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)  
D / HIGHWAY I-70 (99 EPA)

PAGE NO. 001

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\* TIM GAUGER'S COPY  
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D.O.VOUCHER NO.	BU VOUCHER NO.	BILL NO.	PAID BY CHECK NO.	COLLECTION VOU. NO.
		28008426		

BILLED OFFICE (MAIL TO):

FINANCIAL MANAGEMENT OFFICE  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
MS-002  
CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USAFED OMAHA  
C/O USACE FINANCE CENTER  
7800 THIRD AVENUE  
MILLINGTON, TN 38054-5005

BILLED ACCOUNTING CLASSIFICATION

BILLING ACCOUNTING CLASSIFICATION

96 NA X	3122.0000	1998 00 2417 018089	96252
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\$335.35	96 NA X	3122.0000	G6 08 2417 100 018089	002396252	\$335.35
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LINE ITEM

MOA

DESCRIPTION

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000001 INHOUSE - LABOR
000001 INHOUSE - LABOR
000001 INHOUSE - LABOR
```

DEPARTMENTAL OVERHEAD COSTS  
GENERAL AND ADMINISTRATIVE OVERHEAD COSTS  
LABOR

**SUBTOTAL**

**\$335.35**

PARTIAL AMOUNT PAID

**\$ .00**

PAYMENT DUE DATE 02-DEC-1998

PAY THIS AMOUNT

\$335.35

FUNDS AUTHORIZED:	\$150,000.00
TOTAL BILLED AMOUNT:	\$2,549.52
PREVIOUS BILLED AMOUNT:	\$2,214.17
CURRENT BILLED AMOUNT:	\$335.35
TOTAL FLUX BILLED:	\$ .00
PREVIOUS FLUX BILLED:	\$ .00
CURRENT FLUX BILLED:	\$ .00

DATE \_\_\_\_\_

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

DA FORM 4445-R  
APPROVED BY TREASURY -  
FOR USE IN LIEU OF SF 108G

01.2.1.12 570  
 FCA CODE: G6  
 Location: NORTH PACIFIC DIVISION

DETAIL COST LEDGER

Page: 1  
 Date: 31-DEC-19.6  
 For period: 199810 thru 199910

WORK	CAT		EOR							
CAT	ELEM	COST TYPE DESC	MOA	CODE	ORG	RESOURCE	CUM AMT	PRIOR FY AMT	CUR FY AMT	CUR MON AMT
-----										
APPROP: 96 X 3122 0000 CONSTRUCTION GENERAL										
AMSCO CODE: 018089 VASQUEZ BOULEVARD/HWY I- 70, CA										
FUND ACCT: G627062										
COST WORK ITEM: 002JDH CONSTRUCTION EPA VASQUEZ BLVD/HWY I-70										
FUND WORK ITEM: 002JCT EPA VASQUEZ BLVD/HWY I-70 RAPID										
331Q0	99998	WORK IN PROGRESS					88.48	88.48	0.00	0.00
331Q0	99998						585.12	585.12	0.00	0.00
331Q0	99998						39.54	39.54	0.00	0.00
331Q0	99998						18.43	0.00	18.43	18.43
331Q0	99998						121.90	0.00	121.90	121.90
331Q0	99998						8.24	0.00	8.24	8.24
331Q0	99998						44.38	44.38	0.00	0.00
331Q0	99998						19.83	19.83	0.00	0.00
331Q0	99998						50.50	50.50	0.00	0.00
331Q0	99998						293.44	293.44	0.00	0.00
331Q0	99998						136.74	136.74	0.00	0.00
331Q0	99998						28.49	0.00	28.49	28.49
331Q0	99998						68.58	68.58	0.00	0.00
331Q0	99998						532.02	532.02	0.00	0.00
331Q0	99998						227.76	227.76	0.00	0.00
331Q0	99998						110.84	0.00	110.84	110.84
331Q0	99998						47.45	0.00	47.45	47.45
331Q0	99998						127.78	127.78	0.00	0.00
	99998	CATEGORY ELEMENT TOTAL		*			2,549.52	2,214.17	335.35	335.35
	331Q0	WORK CATEGORY TOTAL		**			2,549.52	2,214.17	335.35	335.35
	002JDH	COST WORK ITEM TOTAL		***			2,549.52	2,214.17	335.35	335.35
		EOR 1100 TOTAL					1,269.86	1,121.29	148.57	148.57
		EOR 1200 TOTAL					233.81	205.32	28.49	28.49
		EOR 2500 TOTAL					1,045.85	887.56	158.29	158.29
	G627062	FUND ACCT TOTAL		****			2,549.52	2,214.17	335.35	335.35
*****	018089	AMSCO CODE TOTAL		*****			2,549.52	2,214.17	335.35	335.35
	3122 X	SYMBOL YR TOTAL		*****			2,549.52	2,214.17	335.35	335.35
*****										
	3122	SYMBOL GRAND TOTAL		*****			2,549.52	2,214.17	335.35	335.35
*****										
		GRAND TOTAL		*****			2,549.52	2,214.17	335.35	335.35

mcl.2.1 12 570

DETAIL COST LEDGER

Page: 2

FQA CODE: G6

Date: 31-DEC-1998

Location: NORTH PACIFIC DIVISION

For period: 199810 thru 199811

WORK	CAT		EOR							
CAT	ELEM	COST TYPE DESC	MOA	CODE	ORG	RESOURCE	CUM AMT	PRIOR FY AMT	CUR FY AMT	CUR MON AMT

\*\*\*\*\*  
\*\*\* END OF REPORT - 31-DEC-1998 - 14:05 - SID G6CEFMP1 \*\*\*  
\*\*\*\*\*

LABOR COSTS FOR PERIOD 01-OCT-98 TO 31-OCT-98

CUSTOMER ORDER	FUNDED WORK ITEM	EMPLOYEE	HOURS TYPE	PAY PERIOD END DATE	LABOR AMOUNT	G AND A OVERHD	INDIRECT OVERHEAD	TOTAL AMOUNT
DW96953678-R8-6	002JCT	BERAE3694	[REDACTED]	10-OCT-98	[REDACTED]	[REDACTED]	[REDACTED]	335.35
*****		*****			[REDACTED]	[REDACTED]	[REDACTED]	
sum					[REDACTED]	[REDACTED]	[REDACTED]	335.35

CIC #: 99EPA SUPER FUND  
BILLED DATE 01-DEC-1998  
CUSTOMER ORDER NUMBER DW96947840-0560

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)

PAGE NO. 001

~~SAUGET AREA~~ RAPID RESPONSE AT SAUGET AREA, IL ~~SAUGET AREA~~

SAUGET AREA

D.O.VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VOU. NO.  
28009136

BILLED OFFICE (MAIL TO):

CINCINNATI FINANCIAL MGMT CENTER  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
MS-002

CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USAED OMAHA  
C/O USACE FINANCE CENTER  
7800 THIRD AVENUE

MILLINGTON, TN 38054-5005

ACCOUNTS OF

COPY FOR YOUR  
INFORMATION

TIM GOUGER'S COPY

BILLED ACCOUNTING CLASSIFICATION

96 NA X [REDACTED] 96252

LINE ITEM MOA

000001 CONTRACT - OUTSIDE GOVERNMENT

BILLING ACCOUNTING CLASSIFICATION

\$382.00 96 NA X [REDACTED] 96252 \$382.00

DESCRIPTION

TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP  
SUBTOTAL \$382.00

PARTIAL AMOUNT PAID \$.00

PAYMENT DUE DATE 31-DEC-1998 PAY THIS AMOUNT \$382.00

FUNDS AUTHORIZED: \$279,400.00  
TOTAL BILLED AMOUNT: \$1,381.17  
PREVIOUS BILLED AMOUNT: \$999.17  
CURRENT BILLED AMOUNT: \$382.00  
TOTAL FLUX BILLED: \$.00  
PREVIOUS FLUX BILLED: \$.00  
CURRENT FLUX BILLED: \$.00

DATE

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS  
STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE,  
OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

FOA CODE: G6

Date: 08-JAN-1999

Location: NORTH PACIFIC DIVISION

For period: 199810 thru 199811

WORK CAT	CAT	ELEM	COST TYPE DESC	MOA	CODE	ORG	RESOURCE	CUM AMT	PRIOR FY AMT	CUR FY AMT	CUR MON AMT
APPROP: 96 X 3122 0000 CONSTRUCTION GENERAL											
AMSCO CODE: 015558 SAUGET AREA, IL											
FUND ACCT: G625294											
COST WORK ITEM: 002DCL SAUGET AREA, IL (RAPID RESPONSE)											
FUND WORK ITEM: 002DCL SAUGET AREA, IL (RAPID RESPONSE)											
01A10	99998		WORK IN PROGRESS	C2	21T2		G6M1JR0 TRANSPER	49.50	0.00	49.50	0.00
	99998		CATEGORY ELEMENT TOTAL				*	49.50	0.00	49.50	0.00
	01A10		WORK CATEGORY TOTAL				**	49.50	0.00	49.50	0.00
32207	99998		WORK IN PROGRESS					60.78	0.00	60.78	0.00
32207	99998							401.92	0.00	401.92	0.00
32207	99998							27.16	0.00	27.16	0.00
32207	99998							93.92	0.00	93.92	0.00
32207	99998							204.32	0.00	204.32	0.00
32207	99998							143.02	0.00	143.02	0.00
	99998		CATEGORY ELEMENT TOTAL				*	931.12	0.00	931.12	0.00
	32207		WORK CATEGORY TOTAL				**	931.12	0.00	931.12	0.00
	002DCL		COST WORK ITEM TOTAL				***	980.62	0.00	980.62	0.00
			EOR 1100 TOTAL					489.86	0.00	489.86	0.00
			EOR 1200 TOTAL					93.92	0.00	93.92	0.00
			EOR 21T2 TOTAL					49.50	0.00	49.50	0.00
			EOR 2500 TOTAL					347.34	0.00	347.34	0.00
COST WORK ITEM: 002DCM SITE 1, SAUGET AREA, IL;AKA DEAD CREEK SITE											
FUND WORK ITEM: 002DCL SAUGET AREA, IL (RAPID RESPONSE)											
01A10	99998		WORK IN PROGRESS	C2	21T2		G6M1JR0 TRANSPER	18.55	0.00	18.55	0.00
	99998		CATEGORY ELEMENT TOTAL				*	18.55	0.00	18.55	0.00
	01A10		WORK CATEGORY TOTAL				**	18.55	0.00	18.55	0.00
	002DCM		COST WORK ITEM TOTAL				***	18.55	0.00	18.55	0.00
			EOR 21T2 TOTAL					18.55	0.00	18.55	0.00
	G625294		FUND ACCT TOTAL				****	999.17	0.00	999.17	0.00
*****	015558		AMSCO CODE TOTAL				*****	999.17	0.00	999.17	0.00
	3122 X		SYMBOL YR TOTAL				*****	999.17	0.00	999.17	0.00

WORK	CAT					EOR						
CAT	ELEM	COST	TYPE	DESC	MOA	CODE	ORG	RESOURCE	CUM AMT	PRIOR FY AMT	CUR FY AMT	CUR MON AMT
----	----	-----	-----	-----	----	----	-----	-----	-----	-----	-----	-----
		3122		SYMBOL GRAND TOTAL		*****			999.17	0.00	999.17	0.00
*****												

ADJUSTMENT for COST WHICH WAS INCURRED ON 01 DEC 99 (SEE ATTACHED) BUT IS INCLUDED ON THE NOV 98 BILL BECAUSE THE NOV 98 BILL WAS

\*\*\* END OF REPORT - 08-JAN-1999 - 13:44 - SID G6CEFMPI \*\*\*

NOT ORIGINATED ON 01 DEC 98.

ADJUSTED COST LEDGER TOTAL 382.00

(SEE DEC 98 SF 1080 BILL AND COST LEDGER WITH OFF-SETTING ENTRIES)

Print out

```

*****
+-- v2.1.6 ----- ACCOUNTS PAYABLE TRANSACTION VIEW SCREEN ----- 3.34 --+
|      OBLI NO: 01/11-14-98C      FUND TYPE: F      FAST PAY:      REVERSAL: |
| DELIV. ORDER NO: NA      APPROP STATUS: C      RCVR: |
|      LINE ITEM NO: 0001      APPROP TYPE: ?      DEBTOR BILL NO: |
| RECEIVING RPT NO:      MOA: C2      ACCT PHASE: E5A |
|      INVOICE NO:      ACCRUAL IND:      EOR: 21T1      TRANS DATE: 01-DEC-1998 |
|      FAR ORDER NO: DW96947840-0560      COST TYPE: WIP      EFFECT DATE: 01-DEC-1998 |
|      FUND WORK ITEM: 002DCL      RESOURCE CODE: TRANSPER      TBO DISB.: |
|      RESOURCE PLAN: 1      WORK CATEGORY: 01A10      TRANS TYPE: APR |
|      MGT STRUCTURE: 015558      WORK CAT ELEM: 99998      PAYEE CLASS: |
|      APPROPRIATION: 96 NA X      3122.0000 G6 08 2417 96252      PERIOD: 199812 |
|      TRANSACTION ID: 1711783      GL CORR ID: AP910      GL NOT POSTED?: |
|      EAID NO:      TBO RPT NUMBER: |
+-----+
| GL ACCT  DR/CR      ACCOUNT NAME      DEBIT AMT      CREDIT AMT |
| 1311.25  D      WORK IN PROGRESS-GOVERNMENT NON      191.00 |
| 4252.00  D      REIMBURSEMENTS EARNED-UNCOLLECT      191.00 |
| 4821.00  D      UNDELIVERED ORDERS-WITHOUT ADVA      191.00 |
| 6500.32  D      COST OF GOODS SOLD-OTHER FEDERA      191.00 |
| 2113.00  C      ACCOUNTS PAYABLE-PUBLIC-CURRENT      191.00 |
+ <F2> ENTER QUERY ----- <F3> EXECUTE QUERY ----- <F10> EXIT --+

```

Count: \*2

v

<Replace>

(ATTACHMENT #1)

```

*****
+--- v2.1.6 ----- ACCOUNTS PAYABLE TRANSACTION VIEW SCREEN ----- 3.34 --+
|      OBLI NO: 01/11-14-98C          FUND TYPE: F    FAST PAY:      REVERSAL:  |
| DELIV. ORDER NO: NA                APPROP STATUS: C  RCVR:          |
|      LINE ITEM NO: 0003              APPROP TYPE: ?   DEBTOR BILL NO:  |
| RECEIVING RPT NO:                   MOA: C2          ACCT PHASE: E5A    |
|      INVOICE NO:                    ACCRUAL IND:      EOR: 21T1  TRANS DATE: 01-DEC-1998 |
|      FAR ORDER NO: DW96947840-0560  COST TYPE: WIP   EFFECT DATE: 01-DEC-1998 |
| FUND WORK ITEM: 002DCL              RESOURCE CODE: TRANSPER          TBO DISB.:  |
|      RESOURCE PLAN: 1                WORK CATEGORY: 01A10  TRANS TYPE: APR  |
|      MGT STRUCTURE: 015558           WORK CAT ELEM: 99998  PAYEE CLASS:      |
|      APPROPRIATION: 96 NA X          3122.0000 G6 08 2417 96252  PERIOD: 199812 |
| TRANSACTION ID: 1711784             GL CORR ID: AP910   GL NOT POSTED?:  |
|      EAID NO:                       TBO RPT NUMBER:      |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| GL ACCT  DR/CR      ACCOUNT NAME          DEBIT AMT      CREDIT AMT  |
| 1311.25   D    WORK IN PROGRESS-GOVERNMENT NON          191.00      |
| 4252.00   D    REIMBURSEMENTS EARNED-UNCOLLECT          191.00      |
| 4821.00   D    UNDELIVERED ORDERS-WITHOUT ADVA          191.00      |
| 6500.32   D    COST OF GOODS SOLD-OTHER FEDERA          191.00      |
| 2113.00   C    ACCOUNTS PAYABLE-PUBLIC-CURRENT                      191.00 |
+ <F2> ENTER QUERY ----- <F3> EXECUTE QUERY ----- <F10> EXIT --+

```

Count: \*2

<Replace>

(ATTACHMENT #2)

CIC #:  
BILLED DATE 04-JAN-1999

CUSTOMER ORDER NUMBER DW96947840-0560

BETWEEN APPROPRIATIONS AND/OR FUNDS

(AR 37-1)

~~(DW96947840)~~ RAPID RESPONSE AT SAUGET AREA. II ~~IL088798006~~

D.O. VOUCHER NO. BU VOUCHER NO.

BILL NO.

PAID BY CHECK NO.

COLLECTION VOL. NO.

28009728

BILLED OFFICE (MAIL TO):

CINCINNATI FINANCIAL MGMT CENTER  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
MS-002

CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USAED OMAHA  
C/O USACE FINANCE CENTER  
7800 THIRD AVENUE

MILLINGTON, TN 38054-5005

\*\*\*\*\*  
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\* ACCOUNTS OF \*  
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\* COPY FOR YOUR \*  
\* INFORMATION \*  
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\*  
\* TIM GUYGER'S COPY \*  
\*\*\*\*\*

**COPY FOR YOUR  
INFORMATION**

\*TIM GOUGER'S COPY

BILLED ACCOUNTING CLASSIFICATION

BILLING ACCOUNTING CLASSIFICATION

96 NA X

96252

\$8,002.38 96 NA X

\$8,002.38

LINE ITEM

### MOA

DESCRIPTION

```
000001 CONTRACT - OUTSIDE GOVERNMENT
000001 INHOUSE - LABOR
000001 INHOUSE - LABOR
000001 INHOUSE - LABOR
000001 INHOUSE - LABOR
```

TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP  
DEPARTMENTAL OVERHEAD COSTS  
AREA AND RESIDENT OFFICES OVERHEAD COSTS  
GENERAL AND ADMINISTRATIVE OVERHEAD COSTS  
LABOR

\$49.50  
\$2,212.53  
\$127.70  
\$1,104.52  
\$4,508.13  
\$8,002.38

SUBTOTAL

PARTIAL AMOUNT PAID

\$ .00

PAYMENT DUE DATE 03-FEB-1999

PAY THIS AMOUNT

\$8,002.38

FUNDS AUTHORIZED:	\$279,400.00
TOTAL BILLED AMOUNT:	\$9,383.55
PREVIOUS BILLED AMOUNT:	\$1,381.17
CURRENT BILLED AMOUNT:	\$8,002.38
TOTAL FLUX BILLED:	\$ .00
PREVIOUS FLUX BILLED:	\$ .00
CURRENT FLUX BILLED:	\$ .00

**CERTIFICATE OF OFFICE BILLED**  
I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

DATE \_\_\_\_\_

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

DA FORM 4445-R  
APPROVED BY TREASURY -  
FOR USE IN LIEU OF SF 1080

FOA CODE: G6

Date: 08-JAN-1999

Location: NORTH PACIFIC DIVISION

For period: 199810 thru 199812

WORK CAT	CAT ELEM	COST TYPE DESC	MOA	EOB CODE	ORG	RESOURCE	CUM AMT	PRIOR FY AMT	CUR FY AMT	CUR MON AMT
-------------	-------------	----------------	-----	-------------	-----	----------	---------	--------------	------------	-------------

APPROP: 96 X 3122 0000 CONSTRUCTION GENERAL

AMSCO CODE: 015558 SAUGER AREA, IL

FUND ACCT: G625294

COST WORK ITEM: 002DCL SAUGET AREA, IL (RAPID RESPONSE)

FUND WORK ITEM: 002DCL SAUGET AREA, IL (RAPID RESPONSE)

01A10	99998	WORK IN PROGRESS					191.00	0.00	191.00	191.00
01A10	99998						49.50	0.00	49.50	0.00
	99998	CATEGORY ELEMENT TOTAL		*			240.50	0.00	240.50	191.00
	01A10	WORK CATEGORY TOTAL		**			240.50	0.00	240.50	191.00
32207	99998	WORK IN PROGRESS					98.77	0.00	98.77	37.99
32207	99998						653.12	0.00	653.12	251.20
32207	99998						44.14	0.00	44.14	16.98
32207	99998						152.62	0.00	152.62	58.70
32207	99998						332.02	0.00	332.02	127.70
32207	99998						232.41	0.00	232.41	89.39
	99998	CATEGORY ELEMENT TOTAL		*			1,513.08	0.00	1,513.08	581.96
	32207	WORK CATEGORY TOTAL		**			1,513.08	0.00	1,513.08	581.96
	002DCL	COST WORK ITEM TOTAL		***			1,753.58	0.00	1,753.58	772.96
		EOB 1100 TOTAL					796.03	0.00	796.03	306.17
		EOB 1200 TOTAL					152.62	0.00	152.62	58.70
		EOB 21T1 TOTAL					191.00	0.00	191.00	191.00
		EOB 21T2 TOTAL					49.50	0.00	49.50	0.00
		EOB 2500 TOTAL					564.43	0.00	564.43	217.09

COST WORK ITEM: 002DCM SITE 1, SAUGET AREA, IL;AKA DEAD CREEK SITE

FUND WORK ITEM: 002DCL SAUGET AREA, IL (RAPID RESPONSE)

01A10	99998	WORK IN PROGRESS					191.00	0.00	191.00	191.00
01A10	99998						18.55	0.00	18.55	0.00
	99998	CATEGORY ELEMENT TOTAL		*			209.55	0.00	209.55	191.00
	01A10	WORK CATEGORY TOTAL		**			209.55	0.00	209.55	191.00
32207	99998	WORK IN PROGRESS					49.50	0.00	49.50	49.50
32207	99998						248.85	0.00	248.85	248.85
32207	99998						1,645.74	0.00	1,645.74	1,645.74
32207	99998						111.21	0.00	111.21	111.21
32207	99998						182.47	0.00	182.47	182.47
32207	99998						1,206.81	0.00	1,206.81	1,206.81
32207	99998						81.56	0.00	81.56	81.56
32207	99998						384.59	0.00	384.59	384.59
32207	99998						282.03	0.00	282.03	282.03

WORK CAT	CAT ELEM	COST TYPE DESC	MOA	EO CODE	ORG	RESOURCE	CUM AMT	PRIOR FY AMT	CUR FY AMT	CUR MON AMT
32207	99998						1,276.49	0.00	1,276.49	1,276.49
32207	99998						585.66	0.00	585.66	585.66
32207	99998						936.04	0.00	936.04	936.04
32207	99998						429.47	0.00	429.47	429.47
	99998	CATEGORY ELEMENT TOTAL				*	7,420.42	0.00	7,420.42	7,420.42
	32207	WORK CATEGORY TOTAL				**	7,420.42	0.00	7,420.42	7,420.42
	002DCM	COST WORK ITEM TOTAL				***	7,629.97	0.00	7,629.97	7,611.42
		EO 1100 TOTAL					3,476.64	0.00	3,476.64	3,476.64
		EO 1200 TOTAL					666.62	0.00	666.62	666.62
		EO 21T1 TOTAL					191.00	0.00	191.00	191.00
		EO 21T2 TOTAL					68.05	0.00	68.05	49.50
		EO 2500 TOTAL					3,227.66	0.00	3,227.66	3,227.66
	G625294	FUND ACCT TOTAL				****	9,383.55	0.00	9,383.55	8,384.38
*****	015558	AMSCO CODE TOTAL				*****	9,383.55	0.00	9,383.55	8,384.38
	3122 X	SYMBOL YR TOTAL				*****	9,383.55	0.00	9,383.55	8,384.38
	3122	SYMBOL GRAND TOTAL				*****	9,383.55	0.00	9,383.55	8,384.38

GRAND TOTAL \*\*\*\*\* 9,383.55 0.00 9,383.55 8,384.38  
 ADJUSTMENT for Dec 98 COSTS which were BILLED IN NOV 98 - 352.00  
 (See ATTACHMENTS 1 & 2) ADJUST COST LEDGER TOTAL 8,002.38  
 \*\*\* END OF REPORT - 08-JAN-1999 - 13:46 - SID G6CEFP1 \*\*\*

(See NOV 98 SF1088 BILL AND COST LEDGER WITH  
 Off-Setting entries)



```

*****
+--- v2.1.6 ----- ACCOUNTS PAYABLE TRANSACTION VIEW SCREEN ----- 3.34 ---
|      OBLI NO: 01/11-14-98C      FUND TYPE: F      FAST PAY:      REVERSAL: |
| DELIV. ORDER NO: NA      APPROP STATUS: C RCVR:      |
|      LINE ITEM NO: 0001      APPROP TYPE: ?      DEBTOR BILL NO:      |
| RECEIVING RPT NO:      MOA: C2      ACCT PHASE: E5A      |
|      INVOICE NO:      ACCRUAL IND:      EOR: 21T1      TRANS DATE: 01-DEC-1998 |
|      FAR ORDER NO: DW96947840-0560      COST TYPE: WIP      EFFECT DATE: 01-DEC-1998 |
|      FUND WORK ITEM: 002DCL      RESOURCE CODE: TRANSPER      TBO DISB.:      |
|      RESOURCE PLAN: 1      WORK CATEGORY: 01A10      TRANS TYPE: APR      |
|      MGT STRUCTURE: 015558      WORK CAT ELEM: 99998      PAYEE CLASS:      |
|      APPROPRIATION: 96 NA X      3122.0000 G6 08 2417 96252      PERIOD: 199812      |
|      TRANSACTION ID: 1711783      GL CORR ID: AP910      GL NOT POSTED?:      |
|      EAID NO:      TBO RPT NUMBER:      |
+-----+
| GL ACCT  DR/CR      ACCOUNT NAME      DEBIT AMT      CREDIT AMT      |
| 1311.25  D      WORK IN PROGRESS-GOVERNMENT NON      191.00      |
| 4252.00  D      REIMBURSEMENTS EARNED-UNCOLLECT      191.00      |
| 4821.00  D      UNDELIVERED ORDERS-WITHOUT ADVA      191.00      |
| 6500.32  D      COST OF GOODS SOLD-OTHER FEDERA      191.00      |
| 2113.00  C      ACCOUNTS PAYABLE-PUBLIC-CURRENT      191.00      |
+ <F2> ENTER QUERY ----- <F3> EXECUTE QUERY ----- <F10> EXIT --+

```

Count: \*2

v

<Replace>

(ATTACHMENT #1)

LABOR COSTS FOR PERIOD 01-DEC-98 TO 31-DEC-98

CUSTOMER ORDER	FUNDED WORK ITEM	EMPLOYEE	HOURS TYPE	PAY PERIOD END DATE	LABOR AMOUNT	G AND A OVERHD	INDIRECT OVERHEAD	TOTAL AMOUNT
DW96947840-0560	002DCL	BERAE3694	[REDACTED]	05-DEC-98	[REDACTED]	[REDACTED]	[REDACTED]	503.98
	002DCL	CONND2812	[REDACTED]	05-DEC-98	[REDACTED]	[REDACTED]	[REDACTED]	174.83
	002DCL	THOMP8960	[REDACTED]	05-DEC-98	[REDACTED]	[REDACTED]	[REDACTED]	126.00
	002DCL	BERAE3694	[REDACTED]	19-DEC-98	[REDACTED]	[REDACTED]	[REDACTED]	2,015.92
	002DCL	GOUGT3557	[REDACTED]	19-DEC-98	[REDACTED]	[REDACTED]	[REDACTED]	581.96
	002DCL	THOMP8960	[REDACTED]	19-DEC-98	[REDACTED]	[REDACTED]	[REDACTED]	1,511.94
	002DCL	BERAE3694	[REDACTED]	02-JAN-99	[REDACTED]	[REDACTED]	[REDACTED]	1,557.81
	002DCL	THOMP8960	[REDACTED]	02-JAN-99	[REDACTED]	[REDACTED]	[REDACTED]	1,480.44
*****		*****						
sum					4,508.13	1,104.52	2,340.23	7,952.88

TOTAL LABOR BILLED THIS MONTH  
OTHER BILLED EXPENSES:  
TRAVEL

7,952.88

49.50  
8002.38

March 26, 1999

**USACE RAPID RESPONSE  
PROGRESS REPORT**

**SAUGET SITE ONE**

**January through February 1999**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, East St Louis, Illinois  
**IAG Number:** DW96947840-0560  
**Period of Performance:** January through February 28, 1999  
**Assignment Title:** Technical Review and On-site QA  
**EPA Site Number:** 0560, 058E  
**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical review and on-site quality assurance for the U.S Environmental Protection Agency for Sauget Area 1 work executed by Solutia Inc., a Potentially Responsible Party (PRP).

**WORK ACCOMPLISHED THIS PERIOD:**

**January 1999:** USACE develop government estimate, negotiate, award delivery order to Weston for Ecological Risk Assessment augmentation and field oversight. USACE Project Engineer, Industrial Hygienist, and Chemist and Weston Ecological Risk Assessor provide technical review of: E & E Sauget Area 1 Reports, Preliminary Ecological Risk Assessment for Area 1 and CSA-F, and Solutia Support Sampling Plan, dated November 19, 1998. Provide to EPA, the USACE and Weston Technical Review Comments, dated January 14, 1999, concerning the Solutia Support Sampling Plan (November issue). USACE, Weston, and EPA participate in several conference calls concerning the disapproval of Solutia's Plan. Received FORENSIC document and provided cursory review for utilization. Rough out scopes of work and costs for culvert restoration along Dead Creek. . USACE costs of \$3,579.86 are for activities described above. Bill dated 01 February 1999

**February 1999:** USACE Project Engineer and Chemist and Weston Ecological Risk Assessor travel to Chicago, Illinois to discuss US EPA comments to November Support Sampling Plan. Receive revised Support Sampling Plan, dated February 22, 1999. After US EPA review, agency pursues fines. Reiteratively discuss with US EPA strategies to make the plan approvable and possible fund lead characterization work. USACE costs of \$5,589.78 are for activities described above. Bill dated 01 March 1999.

~~BOFORS NOBEL SITE PROGRESS REPORT~~

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** Solutia Inc. Plans still do not meet the minimum requirements for a plan as specified in US EPA Planning Guidance criteria. Consequently, an inordinate amount of time spent reviewing and commenting on submittals; coordinating with USACE/Weston Personnel, communicating with EPA. Federal review of 104E submittals remains. Though not a considerable sum of money, Weston Technical augmentation costs are not accounted for in billing to date.

**KEY PERSONNEL CHANGES:** Weston still locating oversight field person who will be subject to field overhead rates.

**STATEMENT OF CHARGES FOR THE PERIOD:**


<b>Total Funds Authorized</b>	<b>\$ 279,400.00</b>
Funds Expended During Report Period	\$ 9,169.64
Total Billed to Date	\$ 9,718.90
Sum of Obligations and Commitments	\$ 18,888.54
<b>Balance</b>	<b>\$ 260,511.46</b>

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue Technical Review of Solutia Plans, Review 104E submittals, continue investigating application of FORENSICS to and develop characterization strategies for Sauget Area 1, set up and participate in conference calls, develop cost justification reports, travel to meetings as EPA requests. .

Enclosure

  
Timothy P. Gouger  
Rapid Response Project Engineer

Copy Furnished (w/o):  
CENWO-ED-EG (Beran)  
CENWO-ED-EH (Thomason)

CIC #: 99EPA SUPER FUND  
BILLED DATE 01-MAR-1999  
CUSTOMER ORDER NUMBER DW96947840-0560  
(DW96947840 - RAPID RESPONSE AT SAUGET AREA, IL IL 180792006)

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)

PAGE NO. 001

\*\*\*\*\*  
ACCOUNTS OF  
\*\*\*\*\*

D.O. VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VOU. NO.  
28011167

BILLED OFFICE (MAIL TO):

CINCINNATI FINANCIAL MGMT CENTER  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
NS-002

CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USAED ONAHA  
C/O USACE FINANCE CENTER  
5720 INTEGRITY DRIVE

HILLINGTON, TN 38054-5005

BILLED ACCOUNTING CLASSIFICATION

BILLING ACCOUNTING CLASSIFICATION

96 NA X		96252	\$5,589.78	96 NA X		96252	\$5,589.78
LINE ITEM	MOA	DESCRIPTION					
000001	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEH ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP	\$321.68				
000001	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS	\$1,092.25				
000001	INHOUSE - LABOR	AREA AND RESIDENT OFFICES OVERHEAD COSTS	\$149.69				
000001	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS	\$792.32				
000001	INHOUSE - LABOR	LABOR	\$3,233.84				
		SUBTOTAL	\$5,589.78				
		PARTIAL AMOUNT PAID	\$ .00				
		PAYMENT DUE DATE 31-MAR-1999				PAY THIS AMOUNT	\$5,589.78

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS(S) AS INDICATED.

3-5-99 *James A. Burkett*

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUNDS(S) AS INDICATED ABOVE, OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

FUNDS AUTHORIZED: \$279,400.00  
TOTAL BILLED AMOUNT: \$18,553.19  
PREVIOUS BILLED AMOUNT: \$12,963.41  
CURRENT BILLED AMOUNT: \$5,589.78  
TOTAL FLUX BILLED: \$ .00  
PREVIOUS FLUX BILLED: \$ .00  
CURRENT FLUX BILLED: \$ .00

DATE \_\_\_\_\_

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER \_\_\_\_\_

DA FORM 4445-R  
APPROVED BY TREASURY -  
FOR USE IN LIEU OF SF 1080

MAR. 29. 1999

9:03AM

CONSTRUCTION DIV

NO. 347

P. 2/6

## MAR. 29. 1995

CONSTRUCTION DIV

P. 3/6

CUSTOMER ORDER	FUNDED WORK ITEM	COST WORK ITEM	COST WORK ITEM DESCRIPTION	ANSCO CODE	WORK CAT	ELEM CODE	COST TYPE	NOA CODE	EOR CODE	ORG CODE	RESOURCE CODE	BILLED AMOUNT
DW96947840-0560	002DCL	002DCL	SAUGET AREA, IL (RAPID RESPONSE)	015558	01A10	99998	WIP	C2	2111	G6M1JRO		-191.00
				015558	01A10	99998	WIP	C2	21T2	G6N1JRO		-49.50
				015558	32207	99998	WIP	I2	1100	G6M1JRO		-1,303.29
				015558	32207	99998	WIP	I2	1200	G6M1JRO		-249.90
				015558	32207	99998	WIP	I2	2500	G6M1JRO		-543.61
				015558	32207	99998	WIP	I2	2500	G6M1JRO		-380.50
		002DCM	SITE 1, SAUGET AREA, IL, AKA DEAD CR	015558	01A10	99998	WIP	C2	21T1	G6M1JRO		191.00
				015558	01A10	99998	WIP	C2	21T2	G6M1JRO		49.50
				015558	32207	99998	WIP	C2	21T1	G6M1JRO		268.43
				015558	32207	99998	WIP	C2	21T2	G6M1JRO		53.25
				015558	32207	99998	WIP	I2	1100	G6LOFCO		1,316.42
				015558	32207	99998	WIP	I2	1100	G6LOFIO		399.91
				015558	32207	99998	WIP	I2	1100	G6M1JRO		1,662.14
				015558	32207	99998	WIP	I2	1200	G6LOFCO		252.42
				015558	32207	99998	WIP	I2	1200	G6LOFIO		76.69
				015558	32207	99998	WIP	I2	1200	G6M1JRO		318.73
				015558	32207	99998	WIP	I2	2500	G6LOFCO		837.75
				015558	32207	99998	WIP	I2	2500	G6LOFCO		384.37
				015558	32207	99998	WIP	I2	2500	G6LOFIO		254.50
				015558	32207	99998	WIP	I2	2500	G6LOFIO		116.76
				015558	32207	99998	WIP	I2	2500	G6M1JRO		693.30
				015558	32207	99998	WIP	I2	2500	G6M1JRO		485.32
		002ZNS	SITE 2, SAUGET CONSTR ORDERING NO.	015558	33100	99998	WIP	I2	1100	G6P0000		638.32
				015558	33100	99998	WIP	I2	1200	G6P0000		122.40
				015558	33100	99998	WIP	I2	2500	G6P0000		186.37
*****												
SUM												

5,589.78

LABOR DISTRIBUTION COSTS BY CHARGE CODE & EMPLOYEE  
01-FEB-1999 THROUGH 28-FEB-1999  
Charge code: L21275

REG/OVT/HOL HOURS	REG/OVT/HOL COST	REG/OVT/HOL GENERAL OVERHEAD	REG/OVT/HOL INDIRECT	REGULAR GOVT CONTRIBUTION	REGULAR ANNUAL LEAVE	REGULAR OTHER LEAVE	REG/OVT/HOL COMBINED COST
Employee Id - BERAB [REDACTED]							
	1080.09	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	2790.96
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							2790.96
Employee Id - THOM [REDACTED]							
	820.30	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	2119.68
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							2119.68
** Grand Totals **							
73.50	1900.39	676.29	1474.01	444.14	287.33	128.48	4910.64
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							4910.64

\*\*\*\*\*  
\*\*\* END OF REPORT - 29-MAR-1999 - 12:37 - SID G6CEFMP1 \*\*\*  
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LABOR DISTRIBUTION COSTS BY CHARGE CODE & EMPLOYEE  
01-FEB-1999 THROUGH 28-FEB-1999  
Charge code: L35672Page: 1  
Date: 29-MAR-1999

REG/OVT/HOL HOURS	REG/OVT/HOL COST	REG/OVT/HOL GENERAL OVERHEAD	REG/OVT/HOL INDIRECT	REGULAR GOVT CONTRIBUTION	REGULAR ANNUAL LEAVE	REGULAR OTHER LEAVE	REG/OVT/HOL COMBINED COST
Employee Id - GOUGT							
0.00	0.00	0.00	0.00				496.15
0.00	0.00	0.00	0.00				0.00
							0.00
							496.15
** Grand Totals **							
8.00	214.16	76.21	108.87	50.05	32.38	14.48	496.15
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							496.15

\*\*\*\*\*  
\*\*\* END OF REPORT - 29-MAR-1999 - 12:53 - SID G6CEFMP1 \*\*\*  
\*\*\*\*\*4910.64  
\$ 5,406.79

CIC #: 99EPA SUPER FUND  
BILLED DATE 01-FEB-1999  
CUSTOMER ORDER NUMBER DW96947840-0560

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)  
RAPID RESPONSE AT SAUGET AREA, IL

PAGE NO. 001

ACCOUNTS OF

D.O. VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VOU. NO.  
28010450

BILLED OFFICE (MAIL TO):

CINCINNATI FINANCIAL MGMT CENTER  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
MS-002

CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USABO OMAHA  
C/O USACE FINANCE CENTER  
5720 INTEGRITY DRIVE

MILLINGTON, TN 38054-5005

BILLED ACCOUNTING CLASSIFICATION

68 20 X [REDACTED] NA

\$3,579.86 96 NA X

BILLING ACCOUNTING CLASSIFICATION

96252

\$3,579.86

LINE ITEM

MOA

DESCRIPTION

000001 INHOUSE - LABOR  
000001 INHOUSE - LABOR  
000001 INHOUSE - LABOR  
000001 INHOUSE - LABOR

DEPARTMENTAL OVERHEAD COSTS  
AREA AND RESIDENT OFFICES OVERHEAD COSTS  
GENERAL AND ADMINISTRATIVE OVERHEAD COSTS  
LABOR

\$785.13

\$211.59

\$508.32

\$2,074.82

SUBTOTAL

\$3,579.86

PARTIAL AMOUNT PAID

\$ .00

PAYMENT DUE DATE 03-MAR-1999

PAY THIS AMOUNT

\$3,579.86

CORPS CERTIFICATION

I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND/OR  
SERVICES PERFORMED AS STATED AND THAT THE PAYMENT  
REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND  
IT IS PAID AND CHARGED TO THE APPROPRIATION(S)  
AS INDICATED.

3/23/99

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS  
STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE,  
OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

FUNDS AUTHORIZED: \$279,400.00  
TOTAL BILLED AMOUNT: \$12,963.41  
PREVIOUS BILLED AMOUNT: \$9,383.55  
CURRENT BILLED AMOUNT: \$3,579.86  
TOTAL FLUX BILLED: \$ .00  
PREVIOUS FLUX BILLED: \$ .00  
CURRENT FLUX BILLED: \$ .00

DATE

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

LABOR DISTRIBUTION COSTS BY CHARGE CODE & EMPLOYEE  
 01-JAN-1999 THROUGH 31-JAN-1999  
 Charge code: L21275

Page: 1  
 Date: 29-MAR-1999

REG/OVT/HOL HOURS	REG/OVT/HOL COST	REG/OVT/HOL GENERAL OVERHEAD	REG/OVT/HOL INDIRECT	REGULAR GOVT CONTRIBUTION	REGULAR ANNUAL LEAVE	REGULAR OTHER LEAVE	REG/OVT/HOL COMBINED COST
Employee Id - BERA [REDACTED]							1276.99
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							1276.99
Employee Id - CONND [REDACTED]							180.98
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							180.98
Employee Id - THOM [REDACTED]							1157.67
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							1157.67
** Grand Totals **							
38.75	1012.24	360.23	785.13	236.57	153.05	68.42	2615.64
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							2615.64

\*\*\*\*\*  
 \*\*\* END OF REPORT - 29-MAR-1999 - 12:35 - SID G6CEFMP1 \*\*\*  
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LABOR DISTRIBUTION COSTS BY CHARGE CODE & EMPLOYEE  
01-JAN-1999 THROUGH 31-JAN-1999  
Charge code: L35672

REG/OVT/HOL HOURS	REG/OVT/HOL COST	REG/OVT/HOL GENERAL OVERHEAD	REG/OVT/HOL INDIRECT	REGULAR GOVT CONTRIBUTION	REGULAR ANNUAL LEAVE	REGULAR OTHER LEAVE	REG/OVT/HOL COMBINED COST
Employee Id - GOUGT [REDACTED]							1150.23
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							1150.23
** Grand Totals **							1150.23
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							1150.23

\*\*\*\*\*  
\*\*\* END OF REPORT - 29-MAR-1999 - 12:52 - SID G6CEFMP1 \*\*\*  
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2615.62  
\$ 3,765.88

May 6, 1999

**USACE RAPID RESPONSE  
PROGRESS REPORT**

**SAUGET AREA SITE 1**

**March through April 1999**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, East St Louis, Illinois

**IAG Number:** DW96947840-0560

**Period of Performance:** January through February 28, 1999

**Assignment Title:** Technical Review and On-site QA

**EPA Site Number:** 0560, 058E

**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical review and on-site quality assurance for the U.S Environmental Protection Agency for Sauget Area 1 work executed by Solutia Inc., a Potentially Responsible Party (PRP).

**WORK ACCOMPLISHED THIS PERIOD:**

**March 1999:** The week of March 1, 99 USACE provides informal input to US EPA Scope of Work (Attachment) for culvert restoration.

The week of March 15, 1999, USACE and Weston perform final review of Solutia Support Sampling Plan, dated February 22, 1999 and Solutia's responses to federal comments on Solutia's SSP, dated November 19, 1999. As these documents did not meet federal expectations, US EPA informs USACE to provide declarative and clear comments to US EPA such that enforcement actions could be pursued for non-compliance with the AOC. USACE and Weston provide comments, dated March 18, 1999, to both documents (Attachment). For the third time, US EPA disapproves Solutia's plan. USACE, Weston, US EPA, IEPA, and Solutia participate in two conference calls concerning our March '99 comments to Solutia's February '99 SSP and November '98 responses. One conference call held on March 24, 1999 from 9:00 am to 12:30 pm and the other March 25, 1999 from 3:30 pm to 6:00 pm. US EPA, IEPA, and USACE project engineer participate in another conference call March 26, 1999 from 9:00 am to 11:00 am to discuss State comments.

The week of March 29, 1999, USACE and Weston develop a boring, sampling strategy (Attachment) for waste characterization within individual waste sites based upon E&E report: Solutia planned for one boring within each waste area.

USACE Project Engineer develops previous progress report.

USACE costs of \$6,354.96 are for activities described above. Bill dated 01 April 1999

**April 1999:** In response to US EPA April 5, 1999 request for a FORENSIC cost estimate, USACE coordinated with Weston to begin literature search. Weston (Eric Keeley) provides general notes of research at US EPA Region V Office on April 8, 1999. Weston's Jameel Ahmed continues search at EPA, provides several e-mails concerning leads, and develops a table showing the PRPs, wastes found at the sites, and wastes generated at individual facilities (Attachment). Weston continues search work until April 30, 1999, when US EPA determines there is insufficient information in the 104E, 103C submittals to fingerprint PRPs.

USACE and Weston received one copy of the Solutia April 9, 1999 SSP and associated documents the week of April 12, 1999. USACE has Volume 1 copied and begins review of Volume 1 and 3 as per discussion with EPA RPM.

From April 27 to April 28, 1999, USACE Project Engineer, Project Chemist, and Industrial Hygienist and Weston Ecological Risk Assessor and US EPA perform site visit at Sauget Site One areas. USACE Project Engineer and US EPA RPM meet with special interest group and Mayor's representative pursuant to participation in townhall meeting the evening of April 27, 1999. USACE Project Engineer and US EPA RPM and OSC convene the 28 of April to discuss culvert restoration and Site Q remedy.

USACE costs of \$9,518.35 are for activities described above. Bill dated 03 May 1999.

While Weston accrued costs to date are \$29,148.10, billing will commence on the next Progress Report.

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** The February 99 Solutia Plans still did not meet the minimum requirements for a plan. Consequently, an inordinate amount of time has been spent reviewing and commenting on submittals; coordinating with USACE/Weston Personnel, communicating with EPA. Federal review of 104E submittals shows insufficient information to fingerprint PRPs at this time. Travel expenses for USACE are not included in this billing period. Weston accrued costs have been described in the progress report, though Weston had not billed for costs during the specified time period (Attachment). Weston plans to hire the field oversight person in early May. US EPA and USACE will need to bring him "up to speed" prior to commencement of field work. As of April 30, 1999 Paul Takacs left the IEPA.

**KEY PERSONNEL CHANGES:** Weston Eric Keeley and Jameel Ahmed were provided FORENSIC support.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00</b>
Funds Expended During Report Period	\$ 15, 873.31
Total Billed to Date	\$ 34,426.50
Sum of Obligations and Commitments	\$ 165,947
Weston Delivery Order	\$150,000
Site 2 Line Items	\$15,947
<b>Balance</b>	<b>\$ 113,453</b>

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue Technical Review of Solutia Plans, educate new field hire for oversite work, develop characterization strategies for Sauget Area 1, set up and participate in conference calls, develop cost justification reports, travel to meetings as EPA requests. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

Copy Furnished (w/o):  
CENWO-ED-EG (Beran)  
CENWO-ED-EH (Thomason)

# BILLING VOUCHERS

CIC #: 99EPA SUPER FUND  
BILLED DATE 01-APR-1999  
CUSTOMER ORDER NUMBER DW96947840-0560  
(DW96947840 - RAPID RESPONSE AT SAUGET AREA, IL 1L980792006)

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)

PAGE NO. 001

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D.O.VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VDU. NO.  
28011930

BILLED OFFICE (MAIL TO):

CINCINNATI FINANCIAL MGMT CENTER  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
NS-002

CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USAE OMAHA  
C/O USACE FINANCE CENTER  
5720 INTEGRITY DRIVE

MILLINGTON, TN 38054-5005

BILLED ACCOUNTING CLASSIFICATION

BILLING ACCOUNTING CLASSIFICATION

68 20 X NA \$6,354.96 96 NA X 96252 \$6,354.96

LINE ITEM	NOA	DESCRIPTION	
000001	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP	\$61.75
000001	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS	\$1,340.85
000001	INHOUSE - LABOR	AREA AND RESIDENT OFFICES OVERHEAD COSTS	\$431.40
000001	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS	\$889.66
000001	INHOUSE - LABOR	LABOR	\$3,631.30
		SUBTOTAL	\$6,354.96

PARTIAL AMOUNT PAID \$ .00

PAYMENT DUE DATE 01-MAY-1999 PAY THIS AMOUNT \$6,354.96

CORP CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND THAT THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUND(S) AS INDICATED."

DATE SIGNATURE

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

FUNDS AUTHORIZED: \$279,400.00  
TOTAL BILLED AMOUNT: \$24,908.15  
PREVIOUS BILLED AMOUNT: \$18,553.19  
CURRENT BILLED AMOUNT: \$6,354.96  
TOTAL FLUX BILLED: \$.00  
PREVIOUS FLUX BILLED: \$.00  
CURRENT FLUX BILLED: \$.00

DA FORM 4445-R  
APPROVED BY TREASURY -  
FOR USE IN LIEU OF SF 1080

COST LEDGER SUMMARY FOR BILLED AMOUNT

CUSTOMER ORDER	FUNDED WORK ITEM	COST WORK ITEM	COST WORK ITEM DESCRIPTION	AMSCO CODE	WORK CAT	ELEM CODE	COST TYPE	MOA CODE	EOR CODE	ORG CODE	RESOURCE CODE	BILLED AMOUNT
DW96947840-0560	002DCL	002DCM	SITE 1, SAUGET AREA, IL;AKA DEAD CR	015558	01A10	99998	WIP	C2	21T2	G6LOFID		61.75
				015558	32207	99998	WIP	I2	1100	G6LOFCO		717.81
				015558	32207	99998	WIP	I2	1100	G6LOFID		1,294.96
				015558	32207	99998	WIP	I2	1100	G6M1JRO		913.57
				015558	32207	99998	WIP	I2	1100	G6M1JRO		143.83
				015558	32207	99998	WIP	I2	1200	G6LOFCO		137.63
				015558	32207	99998	WIP	I2	1200	G6LOFID		248.33
				015558	32207	99998	WIP	I2	1200	G6M1JRO		175.17
				015558	32207	99998	WIP	I2	2500	G6LOFCO		485.11
				015558	32207	99998	WIP	I2	2500	G6LOFCO		209.58
				015558	32207	99998	WIP	I2	2500	G6LOFID		855.74
				015558	32207	99998	WIP	I2	2500	G6LOFID		378.10
				015558	32207	99998	WIP	I2	2500	G6M1JRO		431.40
				015558	32207	99998	WIP	I2	2500	G6M1JRO		301.98
*****												
sum												
6,354.96												

APR. 7.1999 7:59AM CONSTRUCTION DIV

NO.456 P.7/11

CIC #: 99EPA SUPER FUND  
BILLED DATE 03-MAY-1999  
CUSTOMER ORDER NUMBER DN96947840-0560  
(DU96947840 - RAPID RESPONSE AT SAUGET AREA, IL IL980792006)

VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS  
(AR 37-1)

PAGE NO. 001

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\* ACCOUNTS OF \*  
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D.O.VOUCHER NO. BU VOUCHER NO. BILL NO. PAID BY CHECK NO. COLLECTION VOU. NO.  
28012754

BILLED OFFICE (MAIL TO):

CINCINNATI FINANCIAL MGMT CENTER  
ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
MS-002

CINCINNATI, OH 45268-7002  
ATTN:

BILLING OFFICE (SEND REMITTANCE TO):

USACE FINANCE CENTER  
USAED OMAHA  
C/O USACE FINANCE CENTER  
5720 INTEGRITY DRIVE

HILLINGTON, TN 38054-5005

BILLED ACCOUNTING CLASSIFICATION

68 20 X [REDACTED]

NA 49,518.35 96 NA X

BILLING ACCOUNTING CLASSIFICATION

96252 99,518.35

LINE ITEM NOA

DESCRIPTION

000001 CONTRACT - OUTSIDE GOVERNMENT  
000001 INHOUSE - OTHER RESOURCES  
000001 INHOUSE - LABOR  
000001 INHOUSE - LABOR  
000001 INHOUSE - LABOR  
000001 INHOUSE - LABOR

TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEH ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP  
DPS PRINT FACILITY CHARGES  
DEPARTMENTAL OVERHEAD COSTS  
AREA AND RESIDENT OFFICES OVERHEAD COSTS  
GENERAL AND ADMINISTRATIVE OVERHEAD COSTS  
LABOR

\$162.41  
\$62.85  
\$2,210.52  
\$499.32  
\$1,295.50  
\$5,287.75  
\$9,518.35

SUBTOTAL

PARTIAL AMOUNT PAID

\$0.00

PAYMENT DUE DATE 02-JUN-1999

PAY THIS AMOUNT

\$9,518.35

CORP CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND/OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUND(S) AS INDICATED."

5/5/99  
DATE

[Signature]  
SIGNATURE

CERTIFICATE OF OFFICE BILLED

I CERTIFY THAT THE ABOVE ARTICLES WERE RECEIVED AND ACCEPTED OR THE SERVICES PERFORMED AS STATED AND SHOULD BE CHARGED TO THE APPROPRIATION(S) AND/OR FUND(S) AS INDICATED ABOVE, OR THAT THE ADVANCE PAYMENT REQUESTED IS APPROVED AND SHOULD BE PAID AS INDICATED.

\_\_\_\_\_  
AUTHORIZED ADMINISTRATIVE OR CERTIFYING OFFICER

FUNDS AUTHORIZED: \$279,400.00  
TOTAL BILLED AMOUNT: \$34,426.50  
PREVIOUS BILLED AMOUNT: \$24,908.15  
CURRENT BILLED AMOUNT: \$9,518.35  
TOTAL FLUX BILLED: \$0.00  
PREVIOUS FLUX BILLED: \$0.00  
CURRENT FLUX BILLED: \$0.00

DATE \_\_\_\_\_

DA FORM 4445-R  
APPROVED BY TREASURY -  
FOR USE IN LIEU OF SF 1080

MAY. 4. 1999

2:04PM

CONSTRUCTION DIV

NO. 769

P. 8/11

## COST LEDGER SUMMARY FOR BILLED AMOUNT

CUSTOMER ORDER	FUNDED WORK ITEM	COST WORK ITEM	COST WORK ITEM DESCRIPTION	ANSCO CODE	WORK CAT	ELEM CODE	COST TYPE	NOA CODE	EOB CODE	ORG CODE	RESOURCE CODE	BILLED AMOUNT
DW96947840-0560	0020CL	0020CH	SITE 1, SAUGET AREA, IL;AKA DEAD CR	015558	32207	99998	WIP	C2	21T2	G6M1JRO		162.41
				015558	32207	99998	WIP	12	1100	G6LOFCO		1,761.91
				015558	32207	99998	WIP	12	1100	G6LOFIO		1,353.54
				015558	32207	99998	WIP	12	1100	G6M1JRO		1,109.35
				015558	32207	99998	WIP	12	1100	G6M1JRO		104.60
				015558	32207	99998	WIP	12	1200	G6LOFCO		337.81
				015558	32207	99998	WIP	12	1200	G6LOFIO		259.54
				015558	32207	99998	WIP	12	1200	G6M1JRO		212.70
				015558	32207	99998	WIP	12	2500	G6LOFCO		629.30
				015558	32207	99998	WIP	12	2500	G6LOFCO		266.74
				015558	32207	99998	WIP	12	2500	G6LOFIO		466.18
				015558	32207	99998	WIP	12	2500	G6LOFIO		197.61
				015558	32207	99998	WIP	12	2500	G6M1JRO		272.18
				015558	32207	99998	WIP	12	2500	G6M1JRO		190.53
				015558	32207	99998	WIP	12	2530	G6LOFCO		584.35
				015558	32207	99998	WIP	12	2530	G6LOFCO		247.69
				015558	32207	99998	WIP	12	2530	G6LOFIO		466.18
				015558	32207	99998	WIP	12	2530	G6LOFIO		197.60
				015558	32207	99998	WIP	12	2530	G6M1JRO		227.14
				015558	32207	99998	WIP	12	2530	G6M1JRO		159.00
		002X25	SITE 1, SAUGET; CONSTR ORDERING NO.	015558	33100	99998	WIP	11	2400	G6M1JRO		62.85
				015558	33100	99998	WIP	12	1100	G6M1100		124.44
				015558	33100	99998	WIP	12	1200	G6M1100		23.86
				015558	33100	99998	WIP	12	2530	G6M1100		64.51
				015558	33100	99998	WIP	12	2530	G6M1100		36.33
*****												
sum												
9,518.35												

MAY. 4.1999

2:04PM

CONSTRUCTION DIV

NO. 769

P.9/11

LABOR DISTRIBUTION COSTS BY CHARGE CODE & EMPLOYEE  
 01-MAR-1999 THROUGH 30-APR-1999  
 Charge code: L21275

Page: 1  
 Date: 06-MAY-1999

REG/OVT/HOL HOURS	REG/OVT/HOL COST	REG/OVT/HOL GENERAL OVERHEAD	REG/OVT/HOL INDIRECT	REGULAR GOVT CONTRIBUTION	REGULAR ANNUAL LEAVE	REGULAR OTHER LEAVE	REG/OVT/HOL COMBINED COST
Employee Id - BERAN							
0.00	0.00	0.00	0.00				5377.93
0.00	0.00	0.00	0.00				0.00
							0.00
							5377.93
Employee Id - DAVID							
0.00	0.00	0.00	0.00				174.20
0.00	0.00	0.00	0.00				0.00
							0.00
							174.20
Employee Id - THOMP							
0.00	0.00	0.00	0.00				4271.76
0.00	0.00	0.00	0.00				0.00
							0.00
							4271.76
** Grand Totals **							
142.00	3715.38	1322.16	3105.10	868.28	561.79	251.18	9823.89
0.00	0.00	0.00	0.00				0.00
0.00	0.00	0.00	0.00				0.00
							9823.89

\*\*\*\*\*  
 \*\*\* END OF REPORT - 06-MAY-1999 - 13:07 - SID G6CEFMP1 \*\*\*  
 \*\*\*\*\*

LABOR DISTRIBUTION COSTS BY CHARGE CODE & EMPLOYEE  
01-MAR-1999 THROUGH 30-APR-1999  
Charge code: L35672

REG/OVT/HOL HOURS	REG/OVT/HOL COST	REG/OVT/HOL GENERAL OVERHEAD	REG/OVT/HOL INDIRECT	REGULAR GOVT CONTRIBUTION	REGULAR ANNUAL LEAVE	REGULAR OTHER LEAVE	REG/OVT/HOL COMBINED COST
Employee Id - GOUGT [REDACTED]							3845.20
[REDACTED]							396.25
0.00	0.00	0.00	0.00				0.00
							4241.45
** Grand Totals **							
62.00	1659.74	590.63	843.78	387.87	250.96	112.22	3845.20
9.50	248.43	60.88	86.94				396.25
0.00	0.00	0.00	0.00				0.00
							4241.45

\*\*\*\*\*  
\*\*\* END OF REPORT - 06-MAY-1999 - 13:10 - SID G6CEFMP1 \*\*\*  
\*\*\*\*\*

# WESTON ACCRUED COSTS



216 UNION BOULEVARD, SUITE 600  
LAKEWOOD, CO 80228-1842  
303-980-6800 FAX: 303-980-1622

**FACSIMILE TRANSMITTAL**  
**FAX 303-980-1622**

TO: Tim Gonger  
USACE

Recipient's Telecopy  
Telephone # (402) 291-8177  
Recipient's Telephone # \_\_\_\_\_

FROM: Geralt August

Originator's Telephone # \_\_\_\_\_

TOTAL PAGES: 11 (including cover sheet)

DATE: \_\_\_\_\_

W.O. #: \_\_\_\_\_

COMMENTS:

Providing quality environmental management and consulting engineering services for over 40 years in the areas of:

Analytical Testing/Characterization  
Air Quality  
Water Quality/Wastewater  
Hazardous, Solid, Radioactive Waste  
Health and Safety

Life Sciences  
Strategic Environmental Management  
Information Management  
Construction/Remediation  
Geosciences

55 Offices Worldwide

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# FCCS : SUMMARY REPORT (EFFORT)

Report #13

SITE NAME: Sauget, Site 1, East St. Louis, IL Work Order No: 20074 - 515 - 006

Task No.	Task Description	Labor Effort	Sub Effort	External Effort	Internal Effort	Total Effort
0110	Site Visit		0.00	0.00	0.00	0.00
0120	Plan Development		0.00	0.00	0.00	0.00
0300	Environmental Plan Review		0.00	17.55	0.00	8,849.01
0400	Field Sampling Oversight		0.00	1,985.82	0.00	9,122.58
0500	Meeting Support		0.00	0.00	0.00	0.00
1000	Reporting		0.00	0.00	0.00	0.00
9000	Cost Tracking		0.00	0.00	0.00	1,633.52
9800	Low Value Equipment		0.00	0.00	0.00	0.00
9900	Fees		0.00	0.00	8,057.20	8,057.20
9989	Project Management		0.00	0.00	0.00	1,485.79
Totals:		19,087.53	0.00	2,003.37	8,057.20	29,148.10

## FCCS : DETAIL REPORT (EFFORT)

Report Date Range: 4/24/99 To 4/30/99

Report #13

Site Name: Sauget, Site 1, East St. Louis, IL	Work Order No. 20074 -515 -006	Task: 0300	Task Description: Environmental Plan Review	Cost Type: EXTERNAL
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xp. No.	Vendor Name	Item Description	Commit Date	Units	Qty	Unit Cost	Cost	Effort	Satisfied	Adj.	Total Due
101528		* Train Fare (to/from Chicago)	4/30/99	RT							17.55
Sub Totals:								17.55	0.00	0.00	17.55

\* Will supply backup next week.

Site Name: Sauget, Site 1, East St. Louis, IL	Work Order No. 20074 -515 -006	Task: 0300	Task Description: Environmental Plan Review	Cost Type: LABOR
--	--------------------------------	------------	--	------------------

xp. No.	Vendor Name	Item Description	Commit Date	Units	Qty	Unit Cost	Cost	Effort	Satisfied	Adj.	Total Due
101516	Labor		4/26/99	Hour(s)						0.00	0.00
101517	Labor		4/27/99	Hour(s)						0.00	0.00
101518	Labor		4/28/99	Hour(s)						0.00	0.00
101519	Labor		4/29/99	Hour(s)						0.00	0.00
101520	Labor		4/30/99	Hour(s)						0.00	0.00
Sub Totals:								1,776.60	1,776.60	0.00	0.00

Site Name: Sauget, Site 1, East St. Louis, IL	Work Order No. 20074 -515 -006	Task: 0400	Task Description: Field Sampling Oversight	Cost Type: EXTERNAL
--	--------------------------------	------------	---	---------------------

xp. No.	Vendor Name	Item Description	Commit Date	Units	Qty	Unit Cost	Cost	Effort	Satisfied	Adj.	Total Due
101529		Per Diem (In Baltimore)	4/26/99	Day						0.00	23.63
101530		Lodging (Hotel)	4/26/99	Dollars						0.00	88.84
101531		Mileage	4/26/99	Miles						0.00	17.44
101532		Train fare	4/26/99	RT						0.00	119.25
101533		Per Diem	4/27/99	Day						0.00	51.75
101534		Lodging (Hotel)	4/27/99	Dollars						0.00	87.34
101535		Parking, Taxi & Tolls	4/27/99	Dollars						0.00	7.88
101536		Tips	4/27/99	Dollars						0.00	5.63
101537		Airfare	4/27/99	Dollars						0.00	166.50
101538		Per Diem	4/28/99	Day						0.00	51.75
101539		Rental Car	4/28/99	LS						0.00	141.32

Rapid COE Signature \_\_\_\_\_

Weston Signature \_\_\_\_\_

10154	[REDACTED]	Airfare	4/28/99	Dollars	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	150.41
101541	[REDACTED]	Mileage	4/28/99	Miles	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	17.44
101542	[REDACTED]	Tips	4/28/99	Dollars	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	2.25
Sub Totals:									931.42	931.42

Site Name: Sauget, Site 1, East St. Louis, IL	Work Order No. 20074 -515 -006	Task: 0400	Task Description: Field Sampling Oversight	Cost Type: LABOR
--	--------------------------------	------------	--	------------------

xp. No.	Vendor Name	Item Description	Commit Date	Units	Qty	Unit Cost	Cost	Effort	Satisfied	Adj.	Total Due
101521	Labor	[REDACTED]	4/26/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
101522	Labor	[REDACTED]	4/27/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
101523	Labor	[REDACTED]	4/28/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
101524	Labor	[REDACTED]	4/29/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
101525	Labor	[REDACTED]	4/30/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
Sub Totals:									1,798.60	1,798.60	0.00

Site Name: Sauget, Site 1, East St. Louis, IL	Work Order No. 20074 -515 -006	Task: 9000	Task Description: Cost Tracking	Cost Type: LABOR
--	--------------------------------	------------	---------------------------------	------------------

xp. No.	Vendor Name	Item Description	Commit Date	Units	Qty	Unit Cost	Cost	Effort	Satisfied	Adj.	Total Due
101526	Labor	[REDACTED]	4/27/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
Sub Totals:									186.38	186.38	0.00

Site Name: Sauget, Site 1, East St. Louis, IL	Work Order No. 20074 -515 -006	Task: 9989	Task Description: Project Management	Cost Type: LABOR
--	--------------------------------	------------	--------------------------------------	------------------

xp. No.	Vendor Name	Item Description	Commit Date	Units	Qty	Unit Cost	Cost	Effort	Satisfied	Adj.	Total Due
101527	Labor	[REDACTED]	4/30/99	Hour(s)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0.00	0.00
Sub Totals:									333.04	333.04	0.00

Grand Totals: 5,043.59 4,094.62 0.00 948.97

Rapid COE Signature

Werton Signature

Omaha District - Rapid Response  
 Contract# DACA45-98-D-0004  
 Task# 0006 Saugat, Site 1, St. Louis  
 Task Order Cost Summary/Forward Look  
 Date: 30-Apr-99  
 Report # 13

Task	Task Description	A	B	C	D	E	F	G	Estimate at Completion	Estimate at Completion	\$\$\$ Variance	(C/B) % Complete	Work % Complete
		Original Budget	(A-mode) Revised Budget	(from FCCS) Costs to Date	Not Commitments	(C+D) OTD + Commitments	(B-E) Budget Remaining	(D-F) Estimate to Complete					
0110	Site Visit	\$ 278.00	\$ 278.00	\$ -	\$ -	\$ -	\$ 278.00	\$ 278.00	\$ 278.00	\$ -	\$ -	0%	0%
0120	Plan Development	\$ 3,506.91	\$ 3,506.91	\$ -	\$ -	\$ -	\$ 3,506.91	\$ 3,506.91	\$ 3,506.91	\$ -	\$ -	0%	0%
0300	Environmental Plan Review	\$ 5,849.01	\$ 5,849.01	\$ 5,849.01	\$ -	\$ 5,849.01	\$ (2,880.45)	\$ -	\$ 5,849.01	\$ (2,880.45)	\$ (2,880.45)	144%	100%
0400	Field Sampling Oversight	\$ 81,978.26	\$ 81,978.26	\$ 8,122.59	\$ -	\$ 8,122.59	\$ 82,855.67	\$ 82,855.67	\$ 81,978.26	\$ (887.41)	\$ (887.41)	10%	10%
0500	Meeting Support	\$ 9,281.83	\$ 9,281.83	\$ -	\$ -	\$ -	\$ 9,281.83	\$ 9,281.83	\$ 9,281.83	\$ -	\$ -	0%	0%
1000	Reporting	\$ 4,840.93	\$ 4,840.93	\$ -	\$ -	\$ -	\$ 4,840.93	\$ 4,840.93	\$ 4,840.93	\$ -	\$ -	0%	0%
9000	Cost Tracking	\$ 7,909.95	\$ 7,909.95	\$ 1,839.82	\$ -	\$ 1,839.82	\$ 6,070.13	\$ 6,070.13	\$ 7,909.95	\$ (1,839.82)	\$ (1,839.82)	21%	21%
9500	Low Value Equipment	\$ 872.75	\$ 872.75	\$ -	\$ -	\$ -	\$ 872.75	\$ 872.75	\$ 872.75	\$ -	\$ -	0%	0%
9900	Fees	\$ 8,057.20	\$ 8,057.20	\$ 8,057.20	\$ -	\$ 8,057.20	\$ -	\$ -	\$ 8,057.20	\$ -	\$ -	100%	100%
9999	Project Management / Support	\$ 17,302.83	\$ 17,302.83	\$ 1,485.79	\$ -	\$ 1,485.79	\$ 15,817.04	\$ 15,817.04	\$ 17,302.83	\$ (1,485.79)	\$ (1,485.79)	9%	9%
Totals		\$ 149,872.83	\$ 149,872.83	\$ 28,145.10	\$ -	\$ 28,145.10	\$ 120,727.73	\$ 120,727.73	\$ 149,872.83	\$ (29,145.10)	\$ (29,145.10)	19%	18%

USACE-Omaha District

Sauget, Site 1, St. Louis

W.O.# 03886-515-006

Previous Week's Project to Date Totals from FCCS

Report # 13

		Previous Week's Ending Date 23-Apr-99	Current Week's Ending Date 30-Apr-99	Total from FCCS
Task 0110	Site Visit	\$ -	\$ -	\$ -
Task 0120	Plan Development	\$ -	\$ -	\$ -
Task 0300	Environmental Plan Review	\$ 7,054.86	\$ 1,794.15	\$ 8,849.01
Task 0400	Field Sampling Oversight	\$ 6,392.55	\$ 2,730.03	\$ 9,122.58
Task 0500	Meeting Support	\$ -	\$ -	\$ -
Task 1000	Reporting	\$ -	\$ -	\$ -
Task 9000	Cost Tracking	\$ 1,447.14	\$ 186.38	\$ 1,633.52
Task 9800	Low Value Equipment	\$ -	\$ -	\$ -
Task 9900	Fees	\$ 8,057.20	\$ -	\$ 8,057.20
Task 9989	Home Office Project Management	\$ 1,152.75	\$ 333.04	\$ 1,485.79
	Totals in FCCS	\$ 24,104.50	\$ 5,043.60	\$ 29,148.10

5-Feb-99

All totals for week ending 5-Feb-99 are Project to Date totals.

23-Apr-99

Task 9900-I entered in the full amount of Weston's fee, \$8057.20.

Task 9989-I removed Tina Liskey's time from task 9989 and entered it into the correct task (task 9000).

# FORENSIC INFORMATION

## Dead Creek File Search – General Notes 8 April 1999

Eric Keeley – Project Scientist

Began file search on Monday 5 April at the USEPA Superfund file room, 7<sup>th</sup> Floor 77 West Jackson, Chicago. I spoke with the Remediation Project Manager (RPM), Mr. Mike McAteer, who told me the following:

1. Mr. McAteer believes copies of all pertinent documents (from State of Illinois agencies, etc.) are included in the files at USEPA-Chicago. Therefore, there should be no reason to search elsewhere, at least during this phase of the project.
2. This phase of the project is to concentrate on Area 1 and in particular Sites G, H, L, M, and N. The goal of the phase is to go through the files, identify the PRPs for each of these sites and the “fingerprint” the materials found by matching these materials to sources within the files. JAE
3. Mr. McAteer has been the RPM on the project since 7/1/98 and has not had a chance to go through the files. There have been a number of other RPMs on the project previous, including Ms. Leah Evison. He said that he would be “absolutely amazed” if WESTON was able to sort through the files in the week allotted.
4. If this phase meets with any kind of success, then the search will probably be extended to the remainder of Area 1 and into Area 2 as well.
5. Mr. McAteer left for vacation at the COB Wednesday 7 April and will not be returning until early next week.

On Wednesday morning 7 April, I also spoke to Tim Gouger of the USACE about progress of the project and he seemed happy with the level of work and the findings out to that point. Ideally what he would like in the report for next week would be a complete list of PRPS, matched to a “fingerprinted” to the PRPS. But both Mr. Gauger and Mr. McAteer understand that may not be possible, given the time frame and the disarray of some of the files.

I will be leaving at the end of Thursday 8 April for vacation and will not be returning to the project until Monday 19 April (at the earliest), but by that time, this phase of work should be completed. At the direction of Mr. Jon Olander (WESTON, Vernon Hills, Illinois office), the work will be continued by Mr. Jameel Ahmed, also of WESTON, Vernon Hills, who will also prepare a brief report for submittal to Mr. Gerald Almquist (Project Manager for this project) of WESTON's Denver office and Mr. Gauger of the USACE, who will then forward it to Mr. McAteer.

### Notes on Findings

Below are some brief directional finding I made during this search. In addition to these findings, I have also found data regarding materials found at the various sites and have taken notes and copied considerable quantities of information (approx. 900 pages as of 7 April). Jameel Ahmet should be able to compile a report based on this information plus that which he identifies. Unfortunately, many of the data sheets are not labeled as to the sampling sources, so they may not be useful.

1. Ecology and Environment, Inc. prepared a document entitled **PRP Records Compilation Sauget Area 1&2 Sauget Illinois** dated February 1998, The document was never finalized and the work order with E&E has expired. This is the best and most recent listing of PRPs for the sites, but Mr. McAteer has warned me that any reference to the document must be marked "DRAFT". It also contains an inventory of documents, both at the USEPA -Chicago 7<sup>th</sup> floor Records Center and the 5<sup>th</sup> floor Meeting Room.
2. The Village of Sauget was formerly named the Village of Monsanto, until the name was changed in the 1960's. The last name "Sauget" pops up quite a bit in local government, listings of PRPs, local businesses and hauling companies. (Especially Paul and Leo Sauget).
3. There has been a chemical plant on site since the very early 1900's named the W.G. Krummich Plant. Monsanto purchased this company in 1919 (?). During WWII, the Monsanto Co. produced chemical weapons at the plant (no specifics found). Monsanto split into two publicly owned companies in Sept. 1997, of which Solutia, Inc. has taken responsibility for the Dead Creek remediation (letter from Solutia dated 3 Sept. 1997)
4. The Waggoner Trucking Co. provided extensive transportation for Monsanto until it was sold to Ruan Transportation in 1991(?). Waggoner operated as truck yard at Site L and M. M is the site of the run-off pit from truck wash operations adjacent to (and connected to) Dead Creek. Prior to digging the pit, Waggoner dumped this wash water directly into the creek. One file contains dispositions given to the Illinois Attorney General from former employees about the practices of improper disposal of wash water. Ruan claims that no truck washing occurred on the site during their ownership.
5. The Sauget Company (Paul Sauget's firm) operated the WGK landfill under contract with Monsanto until Monsanto cancelled the contract in ????. There seems to be some confusion between the terms "Monsanto Landfill", "Sauget Village Landfill" and WG Krummrich Landfill. I am not sure which is which and where these sites can be found.
6. Cerro Copper Products disputes that they are the source of the PCBs found at outer sites (even though their own site is contaminated). They also have denied that they ever handled scrap transformers containing PCBs, although scrap smelting is a primary part of their business. Found in the files were four annual wastewater effluent reports (dated 1987 - 1990) with chemical analysis that should be useful in "fingerprinting".
7. The Midwest Rubber Company, a rubber recycling firm, is the likely source of a rubbery, crumb material that is found in the water at Site L.

What  
was  
it?

**Gouger, Timothy P NWO**

**From:** Almquist, Gerald L. [ALMQUISG@mail.rfweston.com]  
**Sent:** Friday, April 16, 1999 9:10 AM  
**To:** Tim Gouger  
**Subject:** FW: More info on contaminants

**Importance:** High

-----Original Message-----

**From:** Ahmed, Jameel  
**Sent:** Thursday, April 15, 1999 3:32 PM  
**To:** Almquist, Gerald L.  
**Cc:** Ahmed, Jameel; Mehl, Richard H.  
**Subject:** More info on contaminants

Hello Gerald,

Some of the main chemicals I think we fingerprint Monsanto are PCBs (Arochlors 1254 and 1260). PCBs were manufactured and handled by Krummich plant in this area. Judging from the results of PCBs are all along the Dead Creek and the sites under study (Geraghty and Miller Report- March 1992, E & E Reports). My e-mail yesterday also mentioned that PCBs have migrated to a wetland that is 3000 feet south of the site. PCBs are practically in every site and Dead Creek segment that we can think of. Other chemicals detected were the presence of herbicides (2,4-D and 2,4,5-TP) and their precursors (di and trichlorophenols). These compounds are related to AGENT ORANGE, that was manufactured by Krummich plant (MONSANTO). Also detected were high concentration of pentachlorophenols (PCPs 2,600 ppm - WESTON TAT Sampling in 1987, and 970,000 ppm PCPs in Site G sampled by Monsanto and analyzed by Riedel Environmental Services in June 1995), phosphorus (as high as 1,340 ppm at G107 location in 1987), aliphatic hydrocarbons as high as 19,200 ppm at WS-1 location in 1987), high concentration of dioxins (greater than 137 ppb that could be due to burning of PCBs or as impurities in the herbicides US EPA letter Sep., 1994), phenols ranging from 3 to 97 ppm in samples from Area G on September 27, 1994). One well (Ranney Well) at Monsanto Chemical Waste Landfill (Area 2) has phenols averaging 5 ppm in groundwater for the past six months (Monsanto letter dated March 9, 1971). All of these chemicals can be attributed to MONSANTO plant.

I think for CERRO, we can show the very high concentration of heavy metals that were found in sediment and soil samples downgradient to the CERRO plant. As you know, CERRO used to discharge their process wastewater that contained metals and organic chemicals into the Dead Creek. Many soil samples with very high concentration of zinc, iron, copper, lead were sampled and can be attributed to waste practices at Cerro. Lead at a concentration of 35 ppm was recorded at Site G during the SI/FS conducted by EPA in May 1991. Samples (WS-1, WS-2, WS-3) collected by IEPA in October 1984 indicated copper ranging from 101 ppm to 712 ppm, iron ranging from 106 ppm to 6,025 ppm, mercury ranging from 0.36 to 1.99 ppm, Zinc ranging from 101.4 ppm to 104,100 ppm. The high zinc can be attributed to the use of zinc oxide dust baghouses that CERRO had a documented wastes coming out of their plant. Soil samples in Area G (G106 and G107) also indicate iron concentrations ranging from 4,700 ppm to 21,900 ppm. Concentrations of aliphatic hydrocarbons, chlorobenzenes determined in Dead Creek (CS-A) above also can be attributed to CERRO because of their use of chlorinated solvents.

The presence of rubbery material in the Dead Creek bed downgradient to the outfall location 200 feet south of Queeny Road and the high metals, aliphatic hydrocarbons, chlorobenzenes

detected in sediment samples collected from CS-B and further downgradient is a clear indication of their unlawful waste practices.

I hope this information helps. Please call me if you have any questions.

Thanks,

jameel



215 UNION BOULEVARD, SUITE 600  
LAKEWOOD, CO 80228-1842  
303-980-6800 FAX: 303-980-1622

**FACSIMILE TRANSMITTAL**  
**FAX 303-980-1622**

TO: Tim Gouger  
USACOE  
FROM: Gerald Almquist

Recipient's Telecopy  
Telephone # (518) 453-0689  
Recipient's Telephone # \_\_\_\_\_

\_\_\_\_\_  
Originator's Telephone # \_\_\_\_\_

TOTAL PAGES: 6 (including cover sheet)

DATE: \_\_\_\_\_

W.O. #: \_\_\_\_\_

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**Almquist, Gerald L.**  
From: Ahmed, Jameel  
Sent: Monday, April 19, 1999 1:03 PM  
To: Almquist, Gerald L.  
Cc: Ahmed, Jameel; Keeley, Eric; Mehl, Richard H.  
Subject: Sauget Site- AMAX Electroplating

Hello Gerald,

I talked to Eric Keeley about Amax Electroplating. He didn't recall seeing any information on this Company in the 14 boxes we searched at U.S. EPA Building in Downtown Chicago. Going through the papers that we photocopied from the boxes, there is a mention about Big River Zinc as being one of the PRPs in a letter from Attorney's for Cerro to Mr. Paul Takacs of IEPA, dated November 30, 1990.

The other mention is about Amax Zinc Corporation in an Ecology and Environment's letter that lists various PRPs.

Amax Zinc Corporation is also marked in one of the figures from a letter that has the footing as EPA/CERRO COPPER/PCB ATTORNEY WORK\ PRODUCT\ATTORNEY CLIENT PRIVILEGE.

Looking at the above referenced figure, it appears that Amax Zinc is located north of the Krummich Plant (Monsanto). We don't have much information to link Amax (if Big River Zinc and Amax Zinc and Amax Electroplating are the same) to Dead Creek. I think if we bring in Cerro as a PRP, they might direct us to Amax Zinc or Electroplating because one of the Cerro letters does mention them as a PRP. We don't know if Amax Zinc is still in operation but the only other information we have is this:

AMAX Center  
Greenwich, Connecticut 06836.

Please let me know if you have any questions.

Thanks,

Jameel

*Not sent to  
McAtteer*

**Sauget Area 1 PRPs (Draft)**  
**Dead Creek Site**  
**Sauget, St. Clair County, Illinois**

PRP	Site(s) Affected	Contaminants Found at Site	Known Results	Remarks
<p>MONSANTO 800 N LINDBERGH BLVD. St. LOUIS, MO 63167</p> <p>MONSANTO 63167 KRUMMICH PLANT 500 MONSANTO AVENUE SAUGET, IL 62206-1198</p> <p>SOLUTIA INC. 10300 OLIVE BLVD. P.O. BOX 66760 St. LOUIS, MO 63166-6760</p> <p>SOLUTIA, INC. 500 MONSANTO AVENUE SAUGET, IL 62206-1198</p>	<p>G H I L M</p> <p>CS-A</p> <p>CS-B</p> <p>CS-C to F</p>	<p>AHC, CA, CB, CP, PCBs, PH, PY PCBs Zn CA, CB, CP, PE CP, PE PCBs</p> <p>AHC, CB, PCBs</p> <p>AHC, CB, CP, PCBs, PH</p> <p>PCBS</p> <p>Phosphorus pentasulfide (<i>greenish gray to yellow crystalline flammable solid which may spontaneously ignite in the presence of moisture</i>)</p> <p><u>Four fires in Area G on March 18, 21, and June 22 and 23, 1994.</u></p>	<p>Split sediment samples with IEPA and Monsanto collected south of Queeny Road indicated PCBs ranging from 45 to 13,000 ppm and phosphorus ranging from 4,700 to 13,000 ppm.</p> <p>Soil samples after fire in 1994 by IEPA in Area G indicated high PCBs, dioxins, CP, naphthalene etc. Air samples also indicated high VOCs.</p> <p>Groundwater sample from G101 indicated non-detect PCBs.</p> <p>E&amp;E Removal Action Report August 19, 1994 indicated samples from Site G (GS-C3D4-101 and GS-C6-103) had PCB Arochlor 1260 at concentration of 15,000 and 400 ppm, respectively. (Monsanto manufactured this).</p>	<p>Both PCBs and P are from Monsanto (?)</p> <p>Hand auger sample after Robert Gusman incident of Sep 21, 1989, indicated the presence of high conc. of PCBs, chlorinated benzene, chlorinated anilines. Herbicides (2,4-D and 2,4,5-TP) and their precursors (di and trichlorophenols) were also detected. These compounds were related to components of Agent Orange, manufactured by Krummich Plant. (IDPH letter of May 17, 1990).</p> <p>Area G: IEPA 1980 and 1981 study indicated soils with high Fe, P, Zn, Pb, AH, and other organics concentrations.</p> <p><u>Documented Waste Products</u> Phenols, aromatic nitro compounds, aromatic amines and nitro amines, chlorinated aromatic hydrocarbons, aromatic and aliphatic carboxylic acids, condensation and reactions product of the above, contaminated waters with varying amounts of phenols, sulfuric acid, chlorophenol, waste methanol contaminated with mercaptans, waste isopropanol with chlorinated solvents.</p> <p>Monsanto letter dated July 2, 1987 indicated that Krummich plant manufactured and handled PCBs, pentachlorophenol, chlorobenzenes, xylenes, chlorinated solvents, ketones. They claim that none of these were carried out at Dead Creek Area G site.</p> <p><u>Waste Products Disposed at Monsanto/Sauget Landfill Site</u> Aromatic tars, vanadium catalysts, phosphate ester residue, phosphorus pentasulfide, spent activated carbon, organic tars, polyethylene glycol, trimethoxy benzaldehyde.</p> <p>Bliss Oil Company of Ellisville, MO, had contract with Monsanto to haul PCB contaminated waste oils. (Phone records OAG 10/15/80, anonymous phone call).</p>

**Sauget Area 1 PRPs (Draft)**  
**Dead Creek Site**  
**Sauget, St. Clair County, Illinois**

<p>CERRO COPPER CO. P.O. BOX 66800 St. LOUIS, MO 63104</p> <p>CERRO COPPER CO. 0 QUEENY AVENUE SAUGET, IL 62206</p>	<p>G I CS-A CS-B CS-C to F</p>	<p>AHC, CA, CB, CP, PCBs, PH, PY CA, CB, CP, PE AHC, CB, PCBs AHC, CB, CP, D/F, N, PCBs, PH PCBs</p>	<p>SI/FS Report Conducted by IEPA in June 1991. PCBS from non-detect to 1,600 ppm. Nine VOCs ranging from non-detect to 500 ppm.</p> <p>Cerro's wastewater may contain metals like Al, Sb, As, Ba, Be, Bi, Co, Mn, Hg, and V.</p> <p>Wastewater reports from 1987-1989 Wastewater discharge by Cerro of 1987 indicated that one discharge point 3B (copper forming operations), 1,1-DCE was at 10 ppm and 111- TCA at 2000 ppm, TCE was at 3.2 ppm. Copper concentrations ranged from 0.95 ppm to 76.1 ppm. Total Ni conc. ranged from ND to 362 ppm. Zinc was detected from ND to 92 ppm. The 1988 results also show high copper and TCA concentrations. In 1989 CCl<sub>4</sub> and TCA are high. Permit from IEPA approved a permit to Cerro to construct discharge lines that would improve the conveyance of wastewater and stormwater.</p>	<p>Stormwater runoff and process wastewaters containing heavy metals and organic chemicals were discharged by Cerro in the Dead Creek Area A (1980 IEPA results in Cerro vs Monsanto August 1994). SI/FS conducted by IEPA. Cerro signed a Consent Decree and spent \$12.8 million for removing 20,000 yards of contaminated sediments from Dead Creek (CS-A). Site I comprising of 18.9 acres operated as landfill from 1937 to 1957 and is owned by Cerro</p> <p><u>Documented Waste Products</u> In response to US EPA's request letter dated July 13, 1994, Cerro stated that Site I received blast copper and lead bearing furnace slags, concrete, furnace bricks that may contribute hazardous substances. Products and byproducts generated by Cerro include copper and brass ingots, copper cathode, copper and brass billets, pipes, zinc oxide baghouse dust, lead-tin solder string and bars.</p> <p>Raw materials used include scrap copper (various forms), chlorinated solvents, sulfuric acid, hydrochloric acid, acetone, stripping solution, petroleum and synthetic lubricants, etc.</p>
<p>WAGGONER &amp; CO. No Address</p>	<p>L M CS-A, CS-B CS-C to F</p>	<p>PE PCBs AHC, CB, PCBs AHC, CB, CP, D/F, N, PCBs, PE PCBs</p>	<p>Sample X125 collected by the IEPA indicated organics ranging from 78 to 21,000 ppm and PCBs upto 10,000 ppm.</p>	<p>Contract with Monsanto to haul its wastes from 1965 to 1973. Former surface impoundment used by Harold Waggoner Company was a source of surface and GW contamination. Wash water from truck cleaning operations were dumped into Dead Creek (Cited by IEPA). Stopped dumping in 1971 and built an impoundment for containing wash waters. But this overflowed into Dead Creek.</p>

**Sauget Area 1 PRPs (Draft)**  
**Dead Creek Site**  
**Sauget, St. Clair County, Illinois**

<p>LANDFILL LEO SAUGET (dead) PAUL SAUGET (brother)</p> <p>2700 FALLING SPRINGS RD SAUGET, IL 62206</p>	<p>G H I</p>	<p>AHC, CA, CB, CP, PCBs, PH, PY PCBs, Zn CA, CB, CP, PE</p>	<p>GW sample G110 by IEPA in 1980 and 1981 indicated PCBs, organics, As, Cu, and Ni.</p>	<p>Leo Sauget owned the landfill and hauled material from Monsanto. Documents provided to U.S. EPA by Monsanto indicated that Leo Sauget disposed wastes from Monsanto in the landfill (Site H) from 1937 to 1957. After 1957, the company disposed wastes in the newly constructed landfill along the Mississippi River. Site I comprising of 18.9 acres operated as landfill from 1937 to 1957 and is owned by Cerro.</p>
<p>METRO CONSTRUCTION</p>	<p>L M CS-B</p>	<p>CP, PE PCBs AHC, CB, CP, D/F, N, PCBs, PE</p>	<p>Storage of heavy equipment. Liable as current property owner of a part of Site L.</p> <p>Sample X125 collected by the IEPA indicated organics ranging from 78 to 21,000 ppm and PCBs upto 10,000 ppm.</p>	<p>Site L owned by Harold Waggoner then by Ruan Trucking Co in 1974 and then by Tony Lechner of Metro Construction Co. in 1978.</p>
<p>RUAN TRUCKING 666 GRAND AVENUE P.O. BOX 855 DES MOINES, IA 50304</p> <p>FALLING SPRINGS ROAD CAHOKIA, IL 62206</p>	<p>L M CS-C to F</p>	<p>CP, PE PCBs PCBs</p>	<p>Same property that used to be owned by Waggoner was sold to Ruan Trucking in 1974. Washed trucks after hauling wastes from 1974 to 1978. PCBs and organics as above</p>	<p>The surface impoundment that was built by Waggoner Company was used by Ruan Company to wash trucks. The impoundment was designed for overflow into Dead Creek.</p>
<p>ROGER'S CARTAGE 9150 SOUTH DAMEN AVE. CHICAGO, IL 60602-2607</p>	<p>H L M CS-C to F</p>	<p>PCBs, Zn CP, PE PCBs PCBs</p>	<p>GW sample G110 by IEPA in 1980 and 1981 indicated PCBs, organics, As, Cu, and Ni.</p>	<p>Site H was owned by Rogers Cartage. Used as disposal area until 1957. Present owner James Tolbird.</p>
<p>MIDWEST RUBBER (Div. of Empire Chemical) 3101 MISSISSIPPI AVENUE SAUGET, IL 62206</p>	<p>CS-B CS-C to F</p>	<p>AHC, CB, CP, D/F, N, PCBs, PE PCBs</p>	<p>Discharge of wastewaters ? Creek bed downstream of the outfall is coated with rubbery material and contains variety of hazardous substances.</p>	<p>IEPA letter dated March 18, 1990 indicate an 18-inch outfall originating at Midwest Rubber with a discharge point 200 feet south of Queeny Road into Dead Creek (Village of Sauget Sewer System Layout).</p> <p><u>Documented Waste Products:</u> Pine tars; naphthalenes, toxic organics and rubbery byproduct discharged into Dead Creek. Significant portion of the Dead Creek near this outfall have the rubberized appearance. In 1987, Midwest Rubber agreed to 4% of the costs that would be required to cleanup Dead Creek without admitting their fault.</p>

**Sauget Area 1 PRPs (Draft)**  
**Dead Creek Site**  
**Sauget, St. Clair County, Illinois**

WIESE ENGINEERING HAROLD WIESE 1445 WOODSON ROAD ST. LOUIS, MO 63132  0 MISSISSIPPI AVENUE CAHOKIA, IL 62206	G	AHC, CA, CB, CP, PCBs, PH, PY	Owns part of Site G. Soil samples collected in May 1994 from Site G indicated high levels of PCBs (15000 ppm), Total Dioxins at 137 ppb.	Wiese Engineering owns part of Site G. Other owners of Site G include Cerro Copper Products, Mobo Mart. Wiese Engineering Area GW sample was clean. No soils collected from this area.
SOCONY OIL (MOBIL OIL)	G	AHC, CA, CB, CP, PCBs, PH, PY	Some oily materials encountered in CS-B may have an origin at Socony. Need more background on Socony Oil.	Used oil was dumped directly by Waggoner Trucking into the Dead Creek.
CARDINAL CONSTRUCTION	I CS-A	CA, CB, CP, PE AHC, CB, PCBs	As a transporter of the dredged sediments from Dead Creek may be liable under CERCLA.	Cerro litigation material indicated that Cardinal Construction dredged CS-A and disposed dredged material on Site I.
H.H. HALL CONSTRUCTION 7774 SADDLE RIDGE ROAD BETHALTO, IL 62010  LOWER CAHOKIA ROAD CAHOKIA, IL 62206	M N	PCBs (Close to Dead Creek so possibility of PCBs).	Sediment samples collected by IEPA at Site M indicated very high conc. of Cu, Fe, Pb, K, Zn, PCBs. Two soil borings by IEPA in July/August 1993 were above the IEPA standards, but IEPA considers <i>clean</i> . (letter). Pit excavated by H.H.Hall in 1940s. Connected to Dead Creek by a channel since 1950. (aerial photos). Sediments from CS-B transported to Site M. Site N also used for waste disposal (aerial photos).	H H Hall constructed the 275 feet by 300 feet pit at Site M. No information was available about the disposal activities at this site. Site N was used as equipment storage facility for HH Holmes.
DARLING FERTILIZER (No address) Building not there any more.	CS-B	AHC, CB, CP, D/F, N, PCBs, PE	Cannot find any information on Darling Fertilizer.	Maintained an outfall in the Dead Creek for periodic discharges of wastewater. The pipes ran east towards Dead Creek along Queeny Avenue.

**Note:**

AHC = Aliphatic Hydrocarbons  
PCBs = Polychlorinated Biphenyls  
PY = Pyrene  
D/F = Dioxins/Dibenzofurans  
N = Naphthalene

PH = Phenanthrene  
PE = Phenol  
CP = Chlorophenols  
CA = Chloroanilines  
CB = Chlorobenzenes

CNB = Chloronitrobenzenes  
CS = Dead Creek Segment  
CS-A = Dead Creek segment north of Queeny Ave.  
CS-B = Dead Creek segment between Queeny and Judith Lane  
CS-C = Dead Creek segment between Judith Lane and Edward Street

# USACE SAMPLING STRATEGY

USACE RAPID RESPONSE  
SAUGET AREA 1  
BORING /ANALYSIS RECOMMENDATIONS  
March 30, 1999

Review of E&E Sauget Area 1 Report indicates high levels of contamination have been identified throughout many sites, especially Sites G, H, M, and CSA-B. There does not appear to be relatively low levels of contamination interspersed with "hot spots." Rather, many sites have widespread, highly concentrated contamination. Therefore, it appears reasonable to gather representative data from individual sites based upon a few (four to ten) waste characterization borings rather than an intensive boring\sampling scheme.

The number of samples per boring should increase. Our reasoning is that organic and metal contaminants are seldom found within the same sample in high concentrations. For example, while one boring sample will have high concentrations of organics and relatively low concentrations of metals, a completely different boring will have high levels of metals and relatively low concentrations of organics. Thus, if a single sample is taken based upon FID, PID screening, the analyses would be skewed for organics and likely lessen the reporting of metals, which are highly concentrated (percentage of soil) throughout the sites. Thus, for all borings described below, take a composite sample from *waste material* within consecutive 10 foot intervals.

The provided strategies are based solely upon historical information provided in the E&E Reports. The number and locations of borings may change when results from magnetic surveys, aerial photography review, soil gas surveys, etc. are provided.

Site G.

- Section off the site into quadrangles. Drill a boring in each quadrangle, add 2 borings along Queenie Ave, as per Tackacs comments. Past borings reveal 3-12 ft overburden, 15-25 ft of waste. Estimated total volume is 60,000 cubic yards.

Site H

- Halve the site, develop quadrangle sections in the top half. Drill a boring in each section, drill 2 borings east side of Falling Springs Road, with one near DC-H9 and the other in the north triangular area. Drill 2 borings in southern half of site. Overburden from 2.5 to 13 ft bgs, waste material is 20 ft thick in central portion of site. Estimated 200,000 cubic yards of contaminated waste between Site I and H.

Site M

- Take 4 sediment samples as close as possible to M-1, M-6A, M-3, M-2, one sediment sample in eastern (near M-2A) and western (near X-109) end of the lake. Take 2 surface water samples, one near M-1 and the other in south shore area. Estimated impacted sediment volume is 3,600 cubic yards.

#### Site L

- Drill one boring near L-B16\L-B17, take 2 samples between 0.5 -5 ft bgs and 5-10 bgs (2 samples total). Two waste impoundments developed from approximately 164,000 gallons of waste wash water discharge. Max depth is 8 ft, no liner, impoundment resides on base of sand, gravel.

#### Site I

- Section off the site into 6 areas. Drill a boring in each area.

After soil gas surveys are complete, Solutia should develop surface sampling (grade to 0.5 ft bgs) plans for the sites. The surface sampling analyses, and not the SGS results, will be used to develop risk assessments (e.g. model air contamination)

July 1, 1999

***USACE RAPID RESPONSE  
PROGRESS REPORT***

**SAUGET AREA 1**

May through June 1999

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, East St Louis, Illinois

**IAG Number:** DW96947840-0560

**Period of Performance:** January through February 28, 1999

**Assignment Title:** Technical Review and On-site QA

**EPA Site Number:** 0560, 058E

**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical review and on-site quality assurance for the U.S Environmental Protection Agency for Sauget Area 1 work executed by Solutia Inc., a Potentially Responsible Party (PRP).

**WORK ACCOMPLISHED THIS PERIOD:**

**May 1999:** The week of May 3, USACE develops progress summary report with back up for last three report intervals (October 1998 through April 1999), review and comments on Solutia April 1999 Plan, coordinate conference call with Florence Sebold, Jim Beran, Patty Thomason, and Tim Gouger to discuss comments on April 1999 Solutia plan (eliminate duplicate comments). Week of May 10, continue review and comment on April plan, participate on conference call between Gouger, Sebold, Beran and Thomason. On May 14, 1999, finalize comments (excluding QAPP comments) to April Plan and submit to US EPA (Attachment). On May 20, 1999, USACE receive QAPP comments and submit to US EPA (Attachment). Between May 21 and 25, USACE develops schedule for characterization work (Attachment).

Total Costs for the month of May are \$12,190.86

USACE costs of \$8,194.20 are for activities described above. Bill dated 01 April 1999

Weston accrued costs of \$31,645.42 through May, 1999. Billable costs of \$3,996.66 are for April' 99 time period.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00<sup>a</sup></b>
Funds Expended During Report Period	\$28,140.59
USACE Billed Sum, May & June	\$8,690.25
Weston Billed Sum, May & June	\$19,450.24
<b>Total Billed to Date</b>	<b>\$ 62,567.09</b>
Accrued Costs to Date	\$ <sup>b</sup>
USACE	\$
Weston	\$
Sum of Obligations and Commitments	\$ 165,947
Weston Delivery Order	\$150,000
Site 2 Line Items	\$15,947
<b>Funds Remaining (a-b)</b>	<b>\$,</b>

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue Technical Review of Solutia Plans, educate new field hire for oversight work, discuss with US EPA, Solutia planning and engineering for culvert restoration, set up and participate in conference calls, develop cost justification reports, travel to meetings as EPA requests. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

Copy Furnished (w/o):  
CENWO-ED-EG (Beran)  
CENWO-ED-EH (Thomason)

**June 1999:** Gouger travels to Chicago, IL to support US EPA on June 22, 1999 for meeting concerning characterization schedule.

Total costs for the month are \$15,949.73

USACE costs of \$496.15 are, in part, for activities described above. Bill dated 01 July 999.

Weston accrued costs to date are \$32,868.61. Billable costs for the month of June are \$15,453.58.

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** Though considerably more voluminous and improved, the April 99 Solutia Plans are not yet approvable. A significant amount of time was spent reviewing and commenting on submittals; coordinating with USACE/Weston Personnel, communicating with EPA. Attending the Environmental FORENSICS course in Washington D.C. on June 23-25 provided opportunities for continuing historical searches on PRPs. Awaiting US EPA direction concerning subcontracting to PHR for work. Travel expenses for USACE/Weston are included in this billing period. Weston accrued costs have been described in the progress report, though only a portion of their costs have been billed during the specified time period (Attachment). Weston has hired the field oversight person, , and he has received the June 25, 1999 Solutia plans. As per conversation with Mike McAteer, US EPA is eager to approve the plan. As such, US EPA requested "fatal flaw" comments only.

**KEY PERSONNEL CHANGES:** Weston has hired Eric Kemper to act as field oversight Quality Assurance Representative.

September 8, 1999

**USACE RAPID RESPONSE**

**PROGRESS REPORT**

**SAUGET AREA 1**

**July through August 1999**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, East St Louis, Illinois

**IAG Number:** DW96947840-0560

**Period of Performance:** January through February 28, 1999

**Assignment Title:** Technical Review and On-site QA

**EPA Site Number:** 0560, 058E

**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical review and on-site quality assurance for the U.S Environmental Protection Agency for Sauget Area 1 work executed by Solutia Inc., a Potentially Responsible Party (PRP).

**WORK ACCOMPLISHED THIS PERIOD:**

**July 1999:** On July 6, 1999 USACE Project Engineer develops progress summary report for May-June time period, coordinate for cost ledger back up. Week of July 12, 1999, USACE project engineer, chemist, and industrial hygienist review and develop comments (Attachment) to Solutia's June 25, 1999 revised plan. On July 27 and 28, USACE project engineer, US EPA, and IEPA meet with Solutia Inc. to finalize comments to the June 25, 1999 Characterization Plan. USACE project engineer develop scope of work (Attachment) for PHR Inc., the recently hired forensics contractor.

Weston Ecological Specialist and QAPP specialist reviewed and commented on the June 25, 1999 Solutia plan as well. Weston Ecological Specialist telephonically participates in July 28, 1999 meeting. Weston developed an independent cost proposal and schedule to perform the characterization work (Attachment). Weston subcontracts with PHR Inc. to perform forensics work.

Total Costs for the month of July are \$8,667.67.

USACE costs of \$4,212.83 are for activities described above. Bill dated 01 July 1999

Weston accrued costs of \$31,645.42 through July, 1999. Billable costs are \$4,454.84.

**August 1999:** No USACE billable activities. Weston developed an independent cost proposal and schedule to perform the characterization work (Attachment).

Total costs for the month are \$6,982.02.

Weston accrued costs to date are \$73,691.77. Billable costs for the month of June are \$6,982.02.

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** As per conversation with Mike McAteer, US EPA is eager to approve the plan. Though Solutia has not provided responses to the our comments, USACE has reviewed the plan for incorporation of our comments only in an effort to expedite closure. No new comments were generated. The September 30, 1999 completion date will need to be extended by US EPA for work continuance.

**KEY PERSONNEL CHANGES:** Weston has hired Eric Kemper to act as field oversight Quality Assurance Representative.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00<sup>a</sup></b>
 Funds Expended During Report Period	 \$16,555.55
USACE Billed Sum, July & August	\$5,118.69
Weston Billed Sum, July & August	\$11,436.86
Total Billed to Date	\$79,122.64 <sup>b</sup>
 Sum of Obligations and Commitments	 \$165,947
Weston Delivery Order	\$150,000
Site 2 Funds Allocation	\$15, 947
 <b>Balance (a- b)*</b>	 <b>\$200,277.36</b>

\*Accrued costs through September '99 not included.

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue field oversight, participate in preparatory inspections, inspections, and follow up inspections. Set up and participate in weekly conference calls to discuss weekly work forecasts with McAteer, Gouger, Kemper. Approve digital phone cellular service,

computer rental. Coordinate with US EPA on daily basis. Set up conference calls with PHR, US EPA, and USACE concerning forensics efforts to be held every Wednesday at 10:00 am central. Travel to project site as needed. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

Copy Furnished (w/o):  
CENWO-ED-EG (Beran)  
CENWO-ED-EH (Thomason)

# COMMENTS

# USACE COSTS

# PHR SOW

# BILLING VOUCHERS

# WESTON CHARACTERIZATION SCHEDULE & COST ESTIMATE

November 9, 1999

**USACE RAPID RESPONSE**  
**PROGRESS REPORT**

**SAUGET AREA 1**

**September through October 1999**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, St Clair County, Illinois  
**IAG Number:** DW96947840-0560  
**Period of Performance:** January through February 28, 1999  
**Assignment Title:** Technical Review and On-site QA  
**EPA Site Number:** 0560, 058E  
**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical oversight for the Sauget Site 1 work, under the U.S. Environmental Protection Agency, Region V, Superfund Program.

**Historical Summary:**

**September 1999:** On September 1, 1999, Gouger conducts preconstruction conference and discuss expectations for the four phases of inspections, weekly work forecasts, split sampling, and weekly conference calls. On September 7, 1999, mobilization for field execution commenced. Site preparation for On-site air sampling began September 12. Coordinate for Weston personnel to provide quality assurance for ecological data collection. Coordinate with Mike Andracheck during his replacement of Eric Kemper, who was on vacation from September 20 through 24. USACE Project Engineer develops progress summary report for July-August time period, coordinate for cost ledger back up. Project Engineer mobilizes to work site, September 28 to 30 to observe on-site work, attend town hall meeting. Set up and participate in September 29 conference call with PHR Inc. Review PHR Inc cost summary. Project engineer provide numerous communication with Kemper and EPA concerning site issues. Project Engineer review and approve Weston Invoices. Weston provides full-time, on-site Quality Assurance.

Total Costs for the month of August are \$8,162.15.

USACE costs of \$2,757.37 are for activities described above (travel and labor). Bill dated 28 September 1999

Weston accrued costs of \$100,674.74 through October 1999. Billable costs are \$5,404.78.

**October 1999:** Set up and participated in conference call October 5, 1999 between project engineer, EPA RPM, and Solutia Kemper to discuss progress, issues. Set up and participated in conference call with PHR Inc., EPA RPM, and USACE PE October 6 to discuss forensic activities. Week of October 11, compile field issues from beginning of to current field. October 12, Weston's laboratory, ATAS, proposed three quality control deviations from the QAPP for the 10% split samples, which Solutia's Tonya Balla reviewed and recommended approved. October 19, 1999, project engineer travel to Chicago, Illinois for Solutia presentation concerning TSCA permitted landfill. October 25, 1999, project engineer review Weston's Ecological Report comments. October 26, 1999, project engineer set up conference call with EPA RPM and Solutia Kemper for weekly conference call. Project engineer provide numerous communication with Kemper and EPA concerning site issues. Project Engineer review and approve Weston invoices. Weston provides full-time, on-site Quality Assurance.

Total costs for the month are \$ 3,109.74.

Weston accrued costs through October '99 are \$100,674.74. Billable costs for the month of October are \$0.

**WORK ACCOMPLISHED THIS PERIOD**

- Preconstruction conference
- Air sampling
- Trenching
- Soil Gas Survey
- Ecological Data collection
- TSCA permit issues clarified
- Waste depth borings, trenching
- Split sampling
- Train Solutia personnel (Kemper\Andracheck) for quality assurance (four phases of inspections, quality assurance reports)
- Facilitate the approval of QAPP deviations for ATAS QC procedures
- Ecological sample collection
- Site Progress Reports
- Site Visit September 28-30.
- Compile field issues
- Quality Assurance Reports
- Weekly conference call with Solutia, another with PHR

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** Cerro Copper Inc will not allow waste depth trenching, at this time.

**KEY PERSONNEL CHANGES:** Weston employee, Mike Andracheck, was sent to replace Eric Kemper for a week. Steve Brodman, Weston Ecological Sampling Technician, mobilized to the site to oversee ecological data collection.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00<sup>a</sup></b>
Funds Expended During Report Period	\$11,271.89
USACE Billed Sum, September & October	\$5,867.27
Weston Billed Sum, September & October	\$5,404.78
Total Billed to Date	\$90,394.53 <sup>b</sup>
Sum of Obligations and Commitments	\$165,947
Weston Delivery Order	\$150,000
Site 2 Funds Allocation	\$15, 947
<b>Balance (a- b)*</b>	<b>\$189,005.47</b>

\*Accrued costs through October '99 not included.

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue field oversight, participate in preparatory inspections, inspections, and follow up inspections. Set up and participate in weekly conference calls to discuss weekly work forecasts with McAteer, Gouger, Kemper. Coordinate with US EPA on daily basis. Set up conference calls with PHR, US EPA, and USACE concerning forensics efforts to be held every Wednesday at 10:00 am central. Travel to project site as needed. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

# USACE BILLING

# WESTON ACCRUED COSTS

February 18, 2000

**USACE RAPID RESPONSE**

**PROGRESS REPORT**

**SAUGET AREA 1**

**November 1999 through January 2000**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, St Clair County, Illinois

**IAG Number:** DW96947840-0560

**Period of Performance:** November '99 through January '00

**Assignment Title:** Technical Review and On-site QA

**EPA Site Number:** 0560, 058E

**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical oversight for the Sauget Site 1 work, under the U.S Environmental Protection Agency, Region V, Superfund Program.

**Historical Summary:**

**November 1999:** On November 1, 1999, conference call between Gouger, McAteer, and Kemper concerning Solutia's change to the Field Sampling Plan, which required extraction of soil gas through geoprobe, containerizing in teflon bags, and then submitting for off-site analytical. At the time, Solutia changed the plan to include PID screenings in lieu of off-site analytical. Solutia chose to use an on-site PID - gas chromatography to perform the analysis. Solutia submitted a deviation to the plan. Weekly conference call on November 4, McAteer, Gouger, and Kemper concurred with approach. Weekly conference call between Gouger, McAteer, and Kemper on Nov 1, 4, 9, 23, and 30 to discuss field issues. On November 15, Gouger prepares Progress Summary Report for the months of September and October '99. On November 22, Gouger coordinates with Weston concerning their evaluation for replacing crayfish with freshwater shrimp. Receive Weston's evaluation and submit to US EPA. On November 17, coordinate and participate in conference call with PHR to assess FORENSIC work to date. McAteer, Gouger, AJ Gravel, Sandra Leyland participate. Week of November 15 and 28, review and develop Quality Assurance Reports with Kemper and Almquist. Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and ecological sample collection and analysis support.

Total Costs for the month of November are \$34,305.29.

USACE costs of \$1,444.84 are for activities described above (travel and labor). Bill dated 01 December 1999

Weston accrued costs of \$74,303 through November 1999. Billable costs are \$32,860.45.

**December 1999:** On December 1, Gouger, McAteer, and PHR (A.J. Gravel, Sandra Leyland) participate in conference call to discuss status of FORENSIC work. On December 7, Gouger, McAteer, and Kemper participate in conference call to discuss field issues. On December 8, Gouger, Almquidst, and Kemper participate in conference call to discuss QAR. December 9, Gouger develops weekly conference call minutes and distributes. On December 14, 15, Gouger travels to Sauget for site management support. On December 16, 17, Gouger reviews PHR FORENSIC Report and develops trip report from 14-15 trip. Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and ecological sample collection and analysis support.

Total costs for the month are \$ 4,619.97

USACE costs for the month are \$4,619.97.

Weston accrued costs through December '99 are \$83,927. Billable costs for the month of October are \$0.

**January 2000:** On January 4 through the 6, Gouger travels to Chicago for PHR presentation on FORENSIC Report, then to Sauget for site management support. On January 7, Gouger develops trip report for Jan 4-5 trip. The week of January 10, Gouger, McAteer, and Weston (Dubrowski, Brodman, Kemper) assess and evaluate Solutia sediment sampling revised plans. Solutia wished to take composite sample, rather than discrete, over sediment boring interval, which was up to 5 ft. We maintained discrete samples were needed, one in the area of most contamination and another at the bottom of the boring. This information would be used in the characterization and risk assessments. At this time, Solutia provided the results of the toxicity testing. Solutia felt unacceptable levels of degradation to the environment was taking place in all segments of the creek. Solutia wished to remove all segments, under a unilateral order by consent, now and remove to native soil conditions. Therefore, the need to take discrete samples was lessened. On January 11, Gouger, McAteer, and Kemper participate in conference call to discuss site issues. On January 12, Gouger develops trip report for Jan 4-5 trip. On January 27, Gouger, Kemper, McAteer participate in conference call. Solutia proposes to analyze Copper, Zinc under ICP, mass spectrometry rather than flame standard, we concur after consultation with Beran, Project Chemist. On January 30, Gouger, Kemper, McAteer, and Brodman discuss ecological sample preparation and spilt sampling held in Savannah Laboratories, Georgia the 11 January. Subcontract consent for the laboratories also was discussed. Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and ecological sample collection and analysis support.

Total costs for the month are \$ 15,826.37

USACE costs for the month are \$4,260.95.

Weston accrued costs through January 2000 are \$158,059.95. Billable costs for the month of October are \$11,565.42.

**WORK ACCOMPLISHED THIS PERIOD**

- Alluvial Aquifer Sampling
- Waste depth boring
- Peripheral Trenching
- Soil Gas Survey
- Magnetometer Survey
- Ecological Data collection
- Sediment Sampling
- Transect Sampling
- Residential Well Sampling, sample via geoprobe
- Surface Water Sampling
- Installed piezometers for slug test
- Domestic Well sampling, sample from house tap
- TSCA design issues and coordination
- Split sampling
- Train Solutia personnel (Kemper\Andracheck) for quality assurance (four phases of inspections, quality assurance reports)
- Ecological sample preparation at Savannah Laboratory
- Ecological crayfish vs freshwater shrimp evaluation
- Site Progress Reports
- Site Visits.
- Develop Trip Reports
- Quality Assurance Reports
- Weekly conference calls

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** Cerro Copper Inc will not allow waste depth trenching still. A modification to Roy F. Weston Inc. is needed to increase the amount of their funding from \$150,000 to \$225,000 to cover the on-site quality assurance costs for the RI/FS work.

**KEY PERSONNEL CHANGES:** Florence Sevold left Roy F. Weston Inc. She will be replace by Mr.

Chuck Dubrowski.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00<sup>a</sup></b>
Funds Expended During Report Period	\$54,751.63
USACE Billed Sum, November 99 – January 2000	\$10,325.76
Weston Billed Sum, November 99 – January 2000	\$44,425.87
Total Billed to Date	\$145,148.16 <sup>b</sup>
Sum of Obligations and Commitments	\$165,947
Weston Delivery Order	\$150,000
Site 2 Funds Allocation	\$15, 947
<b>Balance (a- b)*</b>	<b>\$134,251.84</b>

\*Accrued costs through January 2000 not included.

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue field oversight, participate in preparatory inspections, inspections, and follow up inspections. Set up and participate in weekly conference calls to discuss weekly work forecasts with McAteer, Gouger, Kemper. Coordinate with US EPA on daily basis. Set up conference calls with PHR, US EPA, and USACE concerning forensics efforts to be held every Wednesday at 10:00 am central. Travel to project site as needed. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

# USACE BILLING

# WESTON ACCRUED COSTS

# WEEKLY CONFERENCE CALL NOTES

# WESTON ECOLOGICAL REPORT

# TRIP REPORTS

# PHR ISSUES

May 1, 2000

**USACE RAPID RESPONSE  
PROGRESS REPORT**

**SAUGET AREA 1**

**February 2000 through April 2000**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, St Clair County, Illinois  
**IAG Number:** DW96947840-0560  
**Period of Performance:** February 1 through April '00  
**Assignment Title:** Technical Review and On-site QA  
**EPA Site Number:** 0560, 058E  
**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District, Rapid Response Program shall provide technical support and on-site quality assurance for the Sauget Site 1 work for the U.S. Environmental Protection Agency, Region V, Superfund Program.

**Historical Summary:**

**February, 2000:** On February 2, Mr. Mike Light and Mr. Tim Gouger had follow on discussions concerning several field issues. Gouger provided record of conversation to track development of the issues (Appendix A). On February 4, submitted a cost analysis for comparison between construction of an onsite TSCA Landfill and offsite transportation and disposal (Appendix B) for removal of contaminated sediments from Dead Creek. On February 8, coordinate with McAteer concerning site trip to be held February 9 through the 12, coordinate with Almquist concerning receipt of validated chemical data from spilt sampling, develop Progress Summary Report, and review site photographs. From February 9 through 11, replace Erik Kemper during Erik's off-site training. On February 14, review laboratory selection for ecological analyses, review forward look for cost overrun (Appendix C). On February 18, finalize Progress Summary Report for November'99, December'99, and January'00 time frame. On February 28, Weston provides their oral approval for Menzie Cura and Associates' Memorandum for the lack of crayfish in Sauget Site 1 sample locations (Appendix D). Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and chemical analyses.

Total Costs for the month of February are \$4,045.97.

USACE costs of \$4,045.97 are for activities described above (travel and labor). Bill dated 01 March 2000.

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Weston accrued costs through January 2000 are \$191,767.44. Billable costs for the month of April are \$55,222.88.

**WORK ACCOMPLISHED THIS PERIOD**

Alluvial Aquifer Sampling  
Installed piezometers for slug testing for Sites G, H, I, L, and N.  
Completed Sediment Sampling in all creek sections  
Reviewed Transect Sampling Report  
Developed Area Sampling  
Boundary Trenching @ Site N  
Waste Depth Trenching @ Site I  
Residential Well Sampling, sample via geoprobe  
Surface Water Sampling in Old Praire duPont Creek  
Installed piezometers for slug test  
Identify western boundary of Site G through additional drilling  
TSCA design issues and coordination  
Split sampling  
Train Solutia personnel (Kemper\Andracheck) for quality assurance (four phases of inspections, quality assurance reports)  
Split samples for ecological media analyses begun at STL Quanterra, Savannah Laboratories completed their ecological analyses.  
Ecological crayfish vs freshwater shrimp evaluation  
Site Progress Reports  
Site Visits.  
Develop Trip Reports  
Quality Assurance Reports  
Weekly conference calls

**USACE PERSONNEL CHARGING LABOR:** See attached bill

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:**

The Scope of Work for Roy F. Weston Inc. has significantly increased from the task order amount of \$150,000 through adding Weston's and PHR forensics work, performing \$62,000 worth of split sample analyses, and providing labor costs for on-site quality assurance for eight months. The task order amount will increase to \$276,000 to cover expenses.

The laboratory requests the collection of 150 g per media in order to run all the proposed analyses. Not enough sample media was collected for the sun fish (65g), snails (67 g), viny plant (108 g), and bull head (130g), though there is enough sample media for the large mouth bass (140g), clams (140 g), and croppy (140g). Despite this deficiency, our laboratory, STL Quanterra, is able to run all analyses for all media

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*February 18, 2000*

**USACE RAPID RESPONSE**

**PROGRESS REPORT**

**SAUGET AREA I**

***November 1999 through January 2000***

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, St Clair County, Illinois

**IAG Number:** DW96947840-0560

**Period of Performance:** November '99 through January '00

**Assignment Title:** Technical Review and On-site QA

**EPA Site Number:** 0560, 058E

**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District Rapid Response Program shall provide technical oversight for the Sauget Site 1 work, under the U.S Environmental Protection Agency, Region V, Superfund Program.

**Historical Summary:**

**November 1999:** On November 1, 1999, conference call between Gouger, McAteer, and Kemper concerning Solutia's change to the Field Sampling Plan, which required extraction of soil gas through geoprobe, containerizing in teflon bags, and then submitting for off-site analytical. At the time, Solutia changed the plan to include PID screenings in lieu of off-site analytical. Solutia chose to use an on-site PID - gas chromatography to perform the analysis. Solutia submitted a deviation to the plan. Weekly conference call on November 4, McAteer, Gouger, and Kemper concurred with approach. Weekly conference call between Gouger, McAteer, and Kemper on Nov 1, 4, 9, 23, and 30 to discuss field issues. On November 15, Gouger prepares Progress Summary Report for the months of September and October '99. On November 22, Gouger coordinates with Weston concerning their evaluation for replacing crayfish with freshwater shrimp. Receive Weston's evaluation and submit to US EPA. On November 17, coordinate and participate in conference call with PHR to assess FORENSIC work to date. McAteer, Gouger, AJ Gravel, Sandra Leyland participate. Week of November 15 and 28, review and develop Quality Assurance Reports with Kemper and Almquist. Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and ecological sample collection and analysis support.

Total Costs for the month of November are \$34,305.29.

USACE costs of \$1,444.84 are for activities described above (travel and labor). Bill dated 01 December 1999

Weston accrued costs of \$74,303 through November 1999. Billable costs are \$32,860.45.

**December 1999:** On December 1, Gouger, McAteer, and PHR (A.J. Gravel, Sandra Leyland) participate in conference call to discuss status of FORENSIC work. On December 7, Gouger, McAteer, and Kemper participate in conference call to discuss field issues. On December 8, Gouger, Almquist, and Kemper participate in conference call to discuss QAR. December 9, Gouger develops weekly conference call minutes and distributes. On December 14, 15, Gouger travels to Sauget for site management support. On December 16, 17, Gouger reviews PHR FORENSIC Report and develops trip report from 14-15 trip. Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and ecological sample collection and analysis support.

Total costs for the month are \$ 4,619.97

USACE costs for the month are \$4,619.97.

Weston accrued costs through December '99 are \$83,927. Billable costs for the month of October are \$0.

**January 2000:** On January 4 through the 6, Gouger travels to Chicago for PHR presentation on FORENSIC Report, then to Sauget for site management support. On January 7, Gouger develops trip report for Jan 4-5 trip. The week of January 10, Gouger, McAteer, and Weston (Dubrowski, Brodman, Kemper) assess and evaluate Solutia sediment sampling revised plans. Solutia wished to take composite sample, rather than discrete, over sediment boring interval, which was up to 5 ft. We maintained discrete samples were needed, one in the area of most contamination and another at the bottom of the boring. This information would be used in the characterization and risk assessments. At this time, Solutia provided the results of the toxicity testing. Solutia felt unacceptable levels of degradation to the environment was taking place in all segments of the creek. Solutia wished to remove all segments, under a unilateral order by consent, now and remove to native soil conditions. Therefore, the need to take discrete samples was lessened. On January 11, Gouger, McAteer, and Kemper participate in conference call to discuss site issues. On January 12, Gouger develops trip report for Jan 4-5 trip. On January 27, Gouger, Kemper, McAteer participate in conference call. Solutia proposes to analyze Copper, Zinc under ICP, mass spectrometry rather than flame standard, we concur after consultation with Beran, Project Chemist. On January 30, Gouger, Kemper, McAteer, and Brodman discuss ecological sample preparation and split sampling held in Savannah Laboratories, Georgia the 11 January. Subcontract consent for the laboratories also was discussed. Weston provides full-time, on-site Quality Assurance, develops field issues report for weekly conference call, performs independent contractor sample verification and validation, and ecological sample collection and analysis support.

Total costs for the month are \$ 15,826.37

USACE costs for the month are \$4,260.95.

Weston accrued costs through January 2000 are \$158,059.95. Billable costs for the month of October are \$11,565.42.

**WORK ACCOMPLISHED THIS PERIOD**

- Alluvial Aquifer Sampling
- Waste depth boring
- Peripheral Trenching
- Soil Gas Survey
- Magnetometer Survey
- Ecological Data collection
- Sediment Sampling
- Transect Sampling
- Residential Well Sampling, sample via geoprobe
- Surface Water Sampling
- Installed piezometers for slug test
- Domestic Well sampling, sample from house tap
- TSCA design issues and coordination
- Split sampling
- Train Solutia personnel (Kemper\Andracheck) for quality assurance (four phases of inspections, quality assurance reports)
- Ecological sample preparation at Savannah Laboratory
- Ecological crayfish vs freshwater shrimp evaluation
- Site Progress Reports
- Site Visits.
- Develop Trip Reports
- Quality Assurance Reports
- Weekly conference calls

**USACE PERSONNEL CHARGING LABOR:** See attached bill.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:** Cerro Copper Inc will not allow waste depth trenching still. A modification to Roy F. Weston Inc. is needed to increase the amount of their funding from \$150,000 to \$225,000 to cover the on-site quality assurance costs for the RIFS work.

**KEY PERSONNEL CHANGES:** Florence Sevold left Roy F. Weston Inc. She will be replace by Mr.

Chuck Dubrowski.

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$ 279,400.00<sup>a</sup></b>
Funds Expended During Report Period	\$54,751.63
USACE Billed Sum, November 99 – January 2000	\$10,325.76
Weston Billed Sum, November 99 – January 2000	\$44,425.87
Total Billed to Date	\$145,148.16 <sup>b</sup>
Sum of Obligations and Commitments	\$165,947
Weston Delivery Order	\$150,000
Site 2 Funds Allocation	\$15, 947
<b>Balance (a- b)*</b>	<b>\$134,251.84</b>

\*Accrued costs through January 2000 not included.

**SCHEDULE:**

**Current Completion Date:** September 30, 1999.

**Projected Work for Next Period:** Continue field oversight, participate in preparatory inspections, inspections, and follow up inspections. Set up and participate in weekly conference calls to discuss weekly work forecasts with McAteer, Gouger, Kemper. Coordinate with US EPA on daily basis. Set up conference calls with PHR, US EPA, and USACE concerning forensics efforts to be held every Wednesday at 10:00 am central. Travel to project site as needed. .

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer

# USACE BILLING

# WESTON ACCRUED COSTS

# WEEKLY CONFERENCE CALL NOTES

# WESTON ECOLOGICAL REPORT

# TRIP REPORTS

# PHR ISSUES

*May 1, 2000*

**USACE RAPID RESPONSE**

**PROGRESS REPORT**

**SAUGET AREA 1**

*May 2000 through April 2001*

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, St Clair County, Illinois  
**LAG Number:** DW96947840-0560  
**Period of Performance:** February 1 through April '00  
**Assignment Title:** Technical Review and On-site QA  
**EPA Site Number:** 0560, 058E  
**EPA RPM:** Mike McAteer

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District, Rapid Response Program shall provide technical support and on-site quality assurance for the Sauget Site 1 work for the U.S. Environmental Protection Agency, Region V, Superfund Program.

**Historical Summary:**

**May, 2000:** Finalize progress summary report for February, March, April 2000, includes copying extensive backup, coordinating with funds analyst, and filing. Coordinate with Kimberly Perry concerning leachate collection testing and aquifer testing Site G and I in so far as locating test in areas with greatest contamination. Contract administration duties included coordinating with Almquidst concerning overtime for Kemper. Reiterated to Almquidst, USACE is not paying for travel time to or from his home. Travel time to the laboratory for sample analyses was approved, though.

Total Costs for the month of May are \$4,560.39.

USACE costs of \$4,560.39. [REDACTED]

Weston Billable costs for the month are \$0.

**June, 2000:** USACE user fee of \$2,099.79 is costed in this billing period. \$1,600.02 in USACE labor is costed due to funds analyst work

Total costs for the month of June are \$5,699.81

USACE costs for the month are \$5,699.81

Total costs for the month are \$156.63

USACE costs for the month are \$156.63

Weston billable costs for the month of October are \$0.

**November, 2000.** Coordinate development of split sampling report.

Total costs for the month are \$10,533.47

USACE costs for the month are \$991.54 (travel costs)

Weston accrued costs through August 2000 are \$. Billable costs for the month of November are \$9,941.93 of which \$8,363.11 are for laboratory analyses.

**December, 2000.** Received and reviewed Ecological Split Samples with Weston Ecological Risk Assessor. Project Engineer continues development of Split Sampling Report.

Total costs for the month are \$6,581.39

USACE costs for the month are \$1,065.08

Weston billable costs for the month are \$5,516.3, of which \$4,625 is for laboratory analytical costs.

**January, 2001.** On January 9, 01, receive and commence with review of Solutia Inc. Human Health and Ecological Risk Assessments. Coordinate for assessment review team and conduct conference call with Florence Sevold, Bob Fares, Chuck Dubrowski, Tim Gouger, Jim Beran, and Patti Thomason to discuss and "kick off" review of risk assessments.

Total costs for the month are \$10,051.08

USACE costs for the month are \$10,051.08 (78.5 hrs for project chemist, 13 hrs for project engineer, 42.5 hrs for industrial hygienists)

Weston billable costs for the month are \$0.

**February, 2001.** Project risk assessors continue with review of and comment to ecological and human health risk assessments. Submit Comments to Risk Assessments to US EPA on February 14, 2001. On February 21, 01, Florence Sevold, Jim Beran, Tim Gouger travel to Sauget to meet with Solutia, ENSR, and Menzie Curie to discuss comments.

Total costs for the month are \$28,760.29

biphenyl.

- Developed Area, Undeveloped Area and Background Soil – surface VOCs
- Developed Area, Undeveloped Area, and Background Soil – surface Method 8280a.
- Developed Area, Undeveloped Area, and Background Soil – subsurface VOCs
- Developed Area, Undeveloped Area, and Background Soil – subsurface Method 8280A

*Reviewed and Commented on the Following:*

- Review and Comment on Human Health Risk Assessment
- Review and Comment on Ecological Risk Assessment
- Review and Comment on EE\CA and RI\FS
- Review and Comment on Leachate Treatability Study
- Site trips for status update

**USACE PERSONNEL CHARGING LABOR:** See aforementioned descriptions

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:**

See comments to plans

**KEY PERSONNEL CHANGES:** Mr. Erik Kemper permanently demobilized the site April 13' 00

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$529,400<sup>a</sup></b>
<b>Funds Expended During Report Period</b>	<b>\$227,846.69</b>
USACE Billed Sum, May'00 – April'01	\$63,184.73
Weston Billed Sum, May'00 – April'01	\$164,661.96
<b>Total Billed to Date</b>	<b>\$428,833.19<sup>b</sup></b>
<b>Sum of Obligations and Commitments</b>	<b>\$491,107</b>
Weston Delivery Order	\$350,920.23
<b>Balance (a- b)*</b>	<b>\$38,293</b>

\*Accrued costs through April 2001 not included.

**SCHEDULE:**

**Current Completion Date:** September 30, 2001.

October 4, 2001

**USACE RAPID RESPONSE**  
**PROGRESS REPORT**

**SAUGET AREA 1**

**May 2001 through September 2001**

**GENERAL INFORMATION:**

**Site Name:** Sauget Site One, St Clair County, Illinois

**IAG Number:** DW96947840-0560

**Period of Performance:** February 1 through April '00

**Assignment Title:** Technical Review and On-site QA

**EPA Site Number:** 0560, 058E

**EPA RPM:** Mike McAteer through August '01, Mike Ribordy through present.

**Scope of Work:** The U.S. Army Corps of Engineers, Omaha District, Rapid Response Program shall provide technical support and on-site quality assurance for the Sauget Site 1 work for the U.S. Environmental Protection Agency, Region V, Superfund Program.

**Historical Summary:**

**May, 2001:** Review and comment to Solutia's email concerning proposed changes for use of Biochlor Model. Review and coordinate the review of the Human Health Risk Assessment and Ecological Risk Assessment. The latter requires significant revision to even complete an adequate review. Issue finalized comments to US EPA on May 3, 2001. Coordinate with Weston concerning replacement of Gerald Almquist, Project Manager, with Deepak Bwojani. Coordinate with US EPA and US DOJ concerning Rule 26 Initial Disclosure. Coordinate with US EPA, Solutia, and within USACE for replacement of digital camera. Meet with Solutia Inc, US EPA concerning issuance of May 31, 2001 EECA and RIFS in Village of Cahokia on May 23, 2001. Review Field Sampling Reports, 10 volumes. Perform contract administration duties, technical review, project management functions.

Total Costs for the month of May are \$23,254.13

USACE labor costs of \$3,825.65

USACE travel costs of \$516.70

Weston costs of \$18,911.78. (\$15k for AVATAR review and comment to HHRA and ERA)

**June, 2001:** Receive revised EECA and RIFS from Solutia Inc on June 8, 2001. Commence with Review, Comment, and distribution. Finalize Field Sampling Report Summary Table. Pursue justification for AVATAR billing: HHRA hours, rates. Perform contract administration duties, technical review, project management functions.

Total costs for the month of June are \$4,108.96

USACE costs of \$4,101.79

USACE Fed Ex: \$7.17

Weston billable costs for the month are \$0.

**July 2001:** July 10. Submit finalized Comments\Issues (40 pages) to US EPA concerning June 8, 2001 EECA RIFS on July 10, 2001. Pursue justification for AVATAR billing: HHRA hours, rates. Perform contract administration duties, technical review, project management functions.

Total costs for the month are \$9,613.67

USACE costs of \$7,189.19

Weston billable costs \$2,424.48.

**August, 2001.** Meeting between Solutia Inc., US EPA, and USACE in the Village of Cahokia to discuss comments to EECA and RIFS on August 3, 2001. US EPA and Solutia Inc. concur USACE will rewrite EECA RIFS document rather than have Solutia perform another revision. No money to commence with work. US EPA requests revised EECA RIFS on August 30, 2001. Develop and submit, on August August 18, photo request to US EPA concerning FSR photo documentation. Perform extensive rewrite of EECA RIFS, submit Draft EECA and RIFS to US EPA for review on August 30. Review Solutia photo log explanation and coordinate with Mike McAteer concerning justification. Reproduce and distribute E&E Report for Characterization Summary of Sauget Area 1 for Adrian Brown Consulting Inc use in EECA rewrite. On August 13, Mike Ribordy officially replaced Mike McAteer as the RPM for Sauget Area 1: Communicated with Mike Ribordy project status\issues. Reviewed USACE Rock Island Report concerning Monsanto's Chemical Warfare Plant, manufacturing, and products. Received and distributed Solutia Incs. August 31, 2001 changes the HHRA. Pursue justification for AVATAR billing: HHRA hours, rates. Perform contract administration duties, technical review, project management functions.

Total costs for the month are \$6,127.55

USACE labor costs of \$3,795.77

USACE Reproduction (E&E): \$143.32

USACE Travel: \$625.78

USACE User Fee: \$365.72

Weston billable costs for the month is \$1,196.96.

**September, 2001.** Modify EECA, RIFS submitted on August 30, 2001, to address US EPA comments, USACE internal review. Review HHRA changes. Prepare for (see attached) and Schedule a meeting with US EPA Region V for September 12'01. Terrorist attack terminates meeting. Coordinate, distribute information concerning conflict of interest issue between ABC and American Zinc. Receive \$50k for EECA rewrite on September 26, 2001. Total funds received is \$579,400. Submit finalized EECA and RIFS to US EPA and Solutia Inc. on September 28, 2001.

Total costs: \$15,298.66

USACE labor costs: \$7,900.98

USACE Travel: \$214.50

Weston billable costs: \$7,183.18 (\$5,717 is for Adrian Brown Consulting Review and Comment to EECA and RIFS).

**WORK ACCOMPLISHED THIS PERIOD**

*Reviewed and Commented on the Following:*

- Review and Comment on Human Health Risk Assessment
- Review and Comment on Ecological Risk Assessment
- Review and Comment on EE\CA and R\IFS
- Review and Comment on Solutia's proposed changes to the Biochlor Model, Justification for the photo documentation log
- Site trips for status update

**USACE PERSONNEL CHARGING LABOR:** Jim Beran, Project Chemist.

**PUBLIC/GOVERNMENT CONTACTS THIS PERIOD:** None.

**PROJECT ISSUES and CONCERNS:**

See comments to plans

**KEY PERSONNEL CHANGES:** Mike Ribordy replaced Mike McAteer as US EPA RPM on August 13,

2001

**STATEMENT OF CHARGES FOR THE PERIOD:**

<b>Total Funds Authorized</b>	<b>\$579,400<sup>a</sup></b>
Funds Expended During Report Period	\$58,402.97
USACE Billed Sum, May'01 – September'01	\$28,686.57
Weston Billed Sum, May'01 – September '01	\$29,716.40
<b>Total Billed to Date</b>	<b>\$487,236.16<sup>b</sup></b>
Sum of Obligations and Commitments	\$537,784
Weston Task Order	\$350,920.23

**Balance (a- b)\*** **\$41,615.17**

(includes \$50k received in September – Approximately \$30k has been costed but not billed for EECA RI FS Rewrite by Adrian Brown Consulting)

\*Accrued costs through April 2001 not included.

**SCHEDULE:**

**Current Completion Date:** September 30, 2002.

**Projected Work for Next Period:** Continue development of EECA and RIFS. Participate in monthly meetings as needed, contract administration. Facilitate development of proposed plan, record of decision.

Enclosure

Timothy P. Gouger  
Rapid Response Project Engineer